

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
(1,3) Beta D-Glucan (Fungitel STAT)	LAB 304829466	FNGTL	87449	Microbiology	Container: Gold top SST tube Preferred: 2 mls serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated **NOTE** No hemolysis	Qualitative	Negative	M-F	1-2 days
11 Deoxycorticosterone	LAB9776	11DX	82633	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Send refrigerated	Qnt HPLC/TMS	Call Ref Lab		9 days
14-3-3 Protein	LAB7700	P1433	86317 0035U	Reference Lab	Container: Sterile container Preferred: 2 mls CSF, minimum 1 ml Storage: Send CSF frozen **NOTE** The first 2 ml of CSF that flows from the tap should be discarded. Avoid freeze/thaw cycles. Completed requisition form required. Patient must be 12 years of age or older.	Qnt ELISA/Qual Real Time Quaking Induced Conversion	Call Ref Lab		7-17 days
17 Hydroxypregnenolone	LAB75000640	17PRN	84143	Reference Lab	Container: SST tube Preferred: (2) 0.5 mls serum aliquots Process: Spin and separate within 2 hrs. Freeze immediately Transport: Send serum frozen **NOTE** Separate specimens must be sent for multiple test	HPLC/MS	Call Ref Lab		6 days
17 Hydroxyprogesterone	LAB720	17P	83498	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Send frozen **NOTE** Serum separator tube. Also acceptable: Plain red, pink (K2EDTA), plasma separator tube, green (sodium heparin), or green (lithium heparin). Also Acceptable: Refrigerated up to 1 week.	HPLC-MS/MS	Call Ref Lab		5 days
17-Hydroxycorticosteroids Urine	LAB9311	17HC	83491	Reference Lab	Container: 24hr urine jug Preferred: 12 mls urine Process: Refrigerate during collection Transport: Send urine frozen **NOTE** Preservatives acceptable. PH must be between 5-7. Add 1g boric acid/100mls urine to adjust PH	Quantitative Colorimetry	Call Ref Lab		10 days
2,3-dinor 11B-Prostaglandin F2a	LAB10000	23BPG	84150	Reference Lab	Container: 24 hr urine container with no preservative Preferred: 4 mls urine Transport: Send urine refrigerated	Enzymatic Colorimetric Assay / LC MSMS	Call Ref Lab		8 days
21-Hydroxylase Ab	LAB30461034	21HL	83516	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Send serum refrigerated	Qualitative ELISA	Call Ref Lab		4 days
5 Flucytosine	LAB9168	5FLUC	82491	Reference Lab	Container: 1 plain red top tube Preferred: 1 ml serum Minimum: 0.3 mls serum Process: Spin and separate within 2 hrs Transport: Send refrigerated **NOTE** SST tubes acceptable	HPLC	Call Ref Lab		5 days
5-Hydroxyindoleacetic Acid	LAB352	HIAA	83497	Reference Lab	Container: 24 Hr urine container with no preservative or random urine Preferred: 4 mls urine Process: Aliquot into plastic tube. Storage: Send refrigerated. **NOTE** Dietary restrictions	LC-MS/MS	Call Ref Lab		5 days
68 KD Ab	LAB7702	68KD	84182	Reference Lab	Container: 1 SST tube Preferred: 2 mls serum Process: Spin and separate Transport: Send room temp		Call Ref Lab		14 days
7-Dehydrocholesterol	LAB7703	DHYD7	82491	Reference Lab	Container: 1 sodium heparin green top tube Preferred: 1 ml plasma Process: Spin and separate Transport: Send frozen		Call Ref Lab		2 weeks
A2 Hemoglobin by HPLC	LAB7704	A2HGB	83020	Chemistry	Container: 1 EDTA (Lavender top) tube Preferred: 2 ml, whole blood Minimum: 1 ml, whole blood Storage: Refrigerate Transport: Keep cool **NOTE** EDTA only Do Not Spin Room temperature up to 24 hours Refrigerate up to 4 days	HPLC	< 1 year of age: No reference range available ≥ 1 year of age: 2.0 - 3.3%	T, F	4 days
ABO/RH	LAB895	ABORH	86900 86901	Transfusion Service Blood Bank	Container: 6ml EDTA pink top Minimum: 3ml EDTA purple top Storage: RT	Hemagglutination / Solid Phase	NA		48 hours
Abscess Culture	LAB7708	ABSCU	87070	Microbiology	Closed abscess: Aspirate abscess with a syringe. Send capped syringe to the laboratory within 24 hours or inject specimen into an Eswab transport device. Open abscess: Collect sample by Eswab and send to the laboratory in the Eswab transport device. Recommend ordering a Gram stain and an anaerobe culture with every abscess culture. The Eswab transport device will allow Gram stain, abscess and anaerobe culture from a single specimen. Transport: Ambient temperature 24 hours (preferred) and refrigerated (2-8°C) 24 hours. Refrigerated specimens not preferred for Neisseria species. **NOTE** Specimen source and site should be clearly indicated.	Bacterial culture	No organisms isolated.	M - SU	48 HRS

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Acanthamoeba/Naegleria Culture	LAB7709	ACNAE	87081	Microbiology	Acanthamoeba: Submit contact lens case or corneal scrapings with saline in sterile container. Naegleria: Submit CSF as for bacterial culture. Specimens must be received in the laboratory within 24 hours. Specimens should be kept at ambient temperature. Specimen can be refrigerated (2-8°C), if processing cannot be performed within 4 - 8 hours of collection.	Amoeba culture	No Amoeba Isolated.	M - SU	10 days
Acarus Siro IgE	LAB070054	ASIRO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Acetaminophen	LAB43	ACET 16050	80329	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (4-8°C) Transport Refrigerate **NOTE** Serum acceptable Refrigerate (4-8°C) up to 14 days Freeze (-20°C) up to 45 days	Enzymatic/Colorimetric	10-20 mcg/mL	M - Su	4 HR
Acetylcholine Receptor Binding Ab	LAB836	ARBA	83519	Reference Lab	Container SST tube Preferred 2.0 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Qnt RIA	Call Ref Lab		4 days
Achondroplasia	LAB7866	ACHON	81401	Reference Lab	Container EDTA purple top tubes Preferred 14 mls whole blood (adult) Process Do not spin Transport Send room temp **NOTE** Requisition & consent form must accompany specimen	DNA Analysis	Call Ref Lab		6 WK
Acid Fast Culture	LAB091126	AFCU	87116	Microbiology	Collect specimen in sterile, leak proof disposable container. Do not use waxed container, fixatives or preservatives. <u>Swabs (or Eswabs) are not recommended.</u> Sputum/Gastric Lavage: Collect 5 - 10 ml of an early morning specimen on 3 consecutive days. Do not pool specimens. Urine: 3 consecutive days, mid-stream specimens, voided in the early morning should be submitted in a sterile container. If transport to the lab is delayed, the specimen should be refrigerated. Do not pool specimens. Pooled 24 hour urine specimens are unacceptable. Body Fluids/Body Tissue: Transport to the lab in a sterile container. Abscess: Collect as much as possible by aspiration or biopsy or on a swab if volume is very small. Stool: One gram or more in sterile container. Blood: See blood culture for acid fast. Bone Marrow: See bone marrow culture. Wound: E-swabs are acceptable only if biopsy or aspirates are not attainable. Transport: Refrigerated preferred (2-8°C) 7 days or ambient temperature 7 days.	Identification by DNA probe and/or MALDI-TOF and radiometric susceptibility	No acid fast bacilli isolated.	M - SU	6 wks
Acid Fast Smear	LAB7710	AFSM	87206	Microbiology	If ordered alone, see Acid Fast Culture for collection instructions. Collect specimen in sterile, leak proof disposable container. Do not use waxed container, fixatives or preservatives. <u>Swabs (or Eswabs) are not recommended.</u> Send to the laboratory immediately or refrigerate (2-8°C) until sent. Sputum/Gastric Lavage: Collect 5 - 10 ml of an early morning specimen on 3 consecutive days. Do not pool specimens. Urine: Collect first morning specimen on 3 consecutive days. Send as much specimen as possible. Do not pool specimens. Collect mid-stream specimens, voided in the early morning should be submitted in a sterile container. If transport to the lab is delayed, the specimen should be refrigerated (2-8°C). Pooled 24 hour urine specimens are unacceptable. Body Fluids/Body Tissue: Both should be collected aseptically and transported to the lab in a sterile container Send as much as possible. Abscess: Collect as much as possible by aspiration or biopsy or on a swab if volume is very small. Stool: One gram or more in sterile container. Blood: Not performed. Bone Marrow: Not performed. Wound: E-swabs are acceptable only if biopsy or aspirates are not attainable. Transport: Refrigerated preferred (2-8°C) 7 days and ambient temperature 7 days *Positive smears will auto-reflex to MTB PCR (MTB and RIF)	Fluorescence microscopy	No acid fast bacilli seen	M - SU	24 hrs
Activated Partial Thromboplastin Time	LAB325	PTISC 65002	85730	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	25.1 - 36.5 seconds	M - SU	7 days
Acylcarnitines Qnt Plasma	LAB0850300	ACYLQ	82017	Reference Lab	Container Sodium heparin green top Preferred 0.5 mls plasma Process Spin and separate within 2 hrs Transport Send plasma frozen **NOTE** Avoid hemolysis. Separate specimens must be sent for multiple tests.	Tandem Mass Spectrometry	Call Ref Lab		10 days
Acylglycines Urine	LAB095096	ACYLG	82542	Reference Lab	Container Sterile urine container Preferred 6 mls random urine Process Freeze immediately and avoid dilute urine Transport Send frozen	LC/Tandem Mass Spec	Call Ref Lab		10 days

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Adalimumab Activity and Neutralizing Antibody	LAB085032	ADAAN	86352 x2	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Cell Culture/Quant Chemiluminescent Immunoassay	Call Ref Lab		5 days
ADAMTS 13 Activity	LAB9268	AD13	86397	Reference Lab	Container 1 sodium citrate blue top Preferred 1 ml platelet-poor plasma Process Call Ref Lab for special instructions Transport Send plasma frozen	Fluorescence Resonance Energy Transfer	Call Ref Lab		5 days
Adenosine Deaminase Pleural Fluid	LAB9970	ADMPF	84311	Reference Lab	Container Sterile, leak proof container Preferred 0.3 ml fluid Minimum 0.1 ml fluid Transport Send fluid frozen	Quant Spectrophotometry	Call Ref Lab		5 days
Adrenocorticotropic Hormone (ACTH)	LAB551	ADHR	82024	Reference Lab	Container: EDTA Lavender top tube Preferred: 1 ml plasma Process: Spin and separate within 2 hrs Transport: Send frozen **NOTE** Collection tube must be siliconized glass or plastic. Separate specimens must be sent for multiple tests.	Quant Electrochemiluminescent Immunoassay (ECLIA)	Call Ref Lab		5 days
AFP Amniotic Fluid	LAB663	AFPAF	82106	Reference Lab	Container 1 sterile container Preferred 1.0 ml amniotic fluid Minimum 0.5 ml Process Do not centrifuge Transport Send specimen refrigerated. **NOTE** The following information is required for processing: A. First day of last menstrual period. B. Date ultrasound performed. C. EDD by ultrasound D. Collection date. Gestational age must be between 13 and 24 weeks; 16 to 18 weeks preferred.	Flow Cytometry	Call Ref Lab		7 days
Alanine	LAB7714	ANINE	82131	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Process Spin and separate. Transport Send serum frozen.		Call Ref Lab		7 days
Albumin	LAB45	ALB 14300	82040	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room Temperature (20-25 °C) up to 2.5 months Refrigerate (2-8°C) up to 5 months Freeze (-20°C) up to 3 months	Dye binding - BCP	See Report	M - SU	4 HR
Albumin, Body Fluid	LAB177	ALB/F	82040	Chemistry	Container Sterile Container Preferred 5 mL body fluid Minimum 1 mL body fluid Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Room Temperature (20-25°C) up to 1 day Refrigerate (2-8°C) if not done within 2 months Freeze (-20°C) up to 1 year	Dye binding - BCP	See Report	M - SU	4 HR
Alcohol	LAB46	ETOH	80320	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Prep with betadine, no alcohol Room Temperature (20-25°C) up to 2 weeks Refrigerate (4-8°C) up to 6 months Freeze (-20°C) up to 6 months	Alcohol Dehydrogenase	None detected	M - Su	4 HR
Aldolase	LAB556	ALDOL	82085	Reference Lab	Container SST tube Preferred 1 ml serum Minimum 0.5 ml Process Allow specimen to clot completely at room temp. Spin and separate. Hemolysis not acceptable Transport Send serum refrigerated	Quant Enzymatic	Call Ref Lab		2 days
Aldosterone Urine	LAB354	AL.UR	82088	Reference Lab	Container 24 hour urine container Preferred 5 ml aliquot urine Minimum 1 ml urine Process Urine must be refrigerated during collection. Add 1 g boric acid/100 ml urine at end of collection. Transport Send urine frozen.	Radioimmunoassay (RIA)	Call Ref Lab		3 days
Aldosterone, Serum	LAB557	ALD.O	82088	Immunology	Container SST serum Preferred 500 mL serum Minimum 400 mL serum Process Spin and separate serum from cells as soon as possible Storage Refrigerate Transport: Keep cool **NOTE** Please note position of patient: Upright or supine	CLIA	≤31.0 ng/dL	Batched at least 2x weekly	Same day as testing
Aldosterone/Direct Renin with Ratio	LAB090472	ALDRR	84244 and 82088	Immunology	Container: SST serum AND EDTA Plasma Preferred: 500 µL Serum and 500 µL EDTA Plasma Minimum: 400 µL Serum and 400 µL EDTA Plasma Process: Spin and separate serum from cells as soon as possible and Spin and Freeze EDTA plasma within 2 hours of Draw Storage: Refrigerate Serum and Freeze Plasma Transport: Keep Serum cool and Freeze Plasma **NOTE** Please note position of patient: Upright or Supine FREEZE EDTA P+G982 plasma within 2 hours of draw	CLIA	Direct Renin: 2.5 - 45.7 pg/ml Aldosterone: ≤31.0 ng/dL Ratio: 0.1 - 3.7	Batched at least 2x weekly	Same day as testing
Alkaline Phosphatase	LAB112	ALKP 14500	84075	Chemistry	Preferred 500 mL serum	Para-nitrophenyl Phosphate	See Report	M - SU	4 HR
Alkaline Phosphatase Isoenzymes	LAB741	AL.IS	84075 84080	Reference Lab	Minimum 400 mL serum	Quant Heat Inactivation/Enzymatic	Call Ref Lab		5 days

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Almond IgE	LAB070057	ALMON	86003	Immunology	Process Spin and separate serum from cells as soon as possible	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Alpha 1 Antitrypsin Phenotype	LAB7716	A1-PH	82104 82103	Reference Lab	Storage Refrigerate	Isoelectric Focusing Immunoturbidimetric	Call Ref Lab		5 days
Alpha 2 Antiplasmin	LAB1123	ANTIP	85410	Reference Lab	Transport: Keep cool	Chromogenic	Call Ref Lab, Age Dependent		6 days
Alpha Amylase IgE	LAB095318	AAMY	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spine and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Alpha Fetoprotein (AFP)-Tumor Marker	LAB559	AFPTM 67088	82105	Chemistry	**NOTE**	Chemiluminescent Microparticle Immunoassay (CMIA)	0 - 9 ng/mL	M - SU	4 HR
Alpha Gal IgE (Galactose-alpha-1, 3-galactose IgE)	LAB75000698	AGAL	86003	Immunology	Please note position of patient: Upright or supine	FUEA (ImmunoCAP)	<0.35 (Class 0- negative)	M - F	1 day
Alpha Galactosidase, Serum	LAB0700027	ALGTS	82657	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate Transport Send serum frozen	Fluorometric	Call Ref Lab		10 days
Alpha Globin Gene Analysis	LAB7717	AGGAN	81257	Reference Lab	Container EDTA purple top tube Preferred 3 mls whole blood Process Invert several times to mix Storage Send room temp	PCR	Call Ref Lab		7 days
Alpha Subunit	LAB7715	ASUB	82397	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Minimum 0.35 ml Process Spin and separate Transport Send serum frozen.	Radioimmunoassay (RIA)	Call Ref Lab		8 days
Alpha-1 Antitrypsin	LAB810	A1AT 1450 14500	84075	Chemistry	Container 1 Lithium Heparin (Green Top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate Storage Refrigerate (2 - 8°C) Transport Refrigerate **NOTE** Serum acceptable Room temperature (20-25°C) up to 3 months Refrigerate (2-8°C) up to 5 months Freeze (-20°C) up to 3 months	Turbidimetric / Immunoturbidimetric	90 - 200 mg/dL	M - Su	4 HR
Alpha-1 Antitrypsin Qnt Random Stool	LAB558	ALPRS	82103	Reference Lab	Container Unpreserved stool collection container Preferred 5 grams stool Process Send in unpreserved stool transport vial Transport Send stool frozen	ELISA	Call Ref Lab		4 days
Alpha-Gal Panel	LAB9609	AGALP	86008 86003 X 3	Reference Lab	Container SST tube Preferred 2mls serum Process Spin and separate Transport Send serum room temp		Call Ref Lab		7 days
Alpha-Lactalbumin IgE	LAB091921	ALLAC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
ALT (SGPT)	LAB132	SGPT 11900	84460	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room Temperature (30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Frozen (-40°C) up to 60 days	NADH (without P-5-P)	0 - 68 U/L	M - SU	4 HR
Alternaria Tenus IgE	LAB090475	ALTER	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Aluminum	LAB9309	ALM	82108	Reference Lab	Container Royal blue no additive tube Preferred 2 mls serum Minimum 0.5 Process Spin and separate within 2 hrs. Pour off into metal free tube Transport Send room temp **NOTE** Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals and non-essential over the counter meds.	Qnt Inductively Coupled Plasma-Mass Spec	Call Ref Lab		5 days
Amikacin - Peak	LAB7718	AMKP1 73541	80150	Chemistry	Container 1 Lithium Heparin (Green Top) Tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Collect 30 minutes after infusion Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 2 weeks	Particle-enhanced turbidimetric inhibition immunoassay (PETNIA)	20 - 25 mcg/mL	M - SU	4 HR

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Amikacin - Random	LAB145	AMKR1 73542	80150	Chemistry	Container 1 Lithium Heparin (Green Top) Tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 2 weeks	Particle-enhanced turbidimetric Immunoassay (PETINIA)	See Report	M - SU	4 HR
Amikacin - Trough	LAB7719	AMKT1 73540	80150	Chemistry	Container 1 Lithium Heparin (Green Top) Tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Collect 15 minutes before infusion Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 2 weeks	Particle-enhanced turbidimetric Immunoassay	0-10 mg/mL	M - SU	4 HR
Amino Acid Qnt CSF	LAB095097	AAQCS	82139	Reference Lab	Container Sterile container Preferred 0.5 ml CSF Process Centrifuge to separate and remove cellular material. Freeze supernatant Transport Send supernatant frozen. **NOTE** Separate specimens must be sent for multiple tests.	Qnt Liquid Chromatography / Tandem Mass Spec	Call Ref Lab		5 days
Amino Acid Quant Plasma	LAB811	AAQNP	82139	Reference Lab	Container 1 lithium heparin green top tube Preferred 0.5 ml plasma Minimum 0.3 ml Process Spin and separate within 2 hrs Transport Send frozen **NOTE** Patient must be fasting. Separate tubes must be sent for multiple tests. ARUP biochemical genetics patient history form must be completed.	Ion-Exchange Chromatography, Quant	Call Ref Lab		6 days
Amino Acid Urine Quant	LAB355	AAQNT	82139	Reference Lab	Container 1 random urine container Preferred 4 mls urine Minimum 3 mls Process Pour into plastic transport tube and freeze immediately Transport Send frozen **NOTE** First morning urine preferred. Separate tubes must be sent for multiple tests	Ion-Exchange Chromatography, Quant	Call Ref Lab		5 days
Amiodarone	LAB567	AMIOD	80151	Reference Lab	Container: 1 plain red top tube Preferred: 1 mL serum Process: Spin and separate within 2 hours. Freeze immediately and protect from light. Transport: Send frozen. **NOTE** No SST tubes. Separate specimens must be sent for multiple tests.	Qnt LC-MS	Call Ref Lab		8 days
Amitriptyline	LAB681	AMITR	80335	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Process Timing of specimen collection: Pre-dose (trough) draw-At steady state concentration. Spin and separate within 2 hrs. Transport Send refrigerated. **NOTE** No SST tubes	Quant LC/TMS	Call Ref Lab		8 days
Ammonia	LAB47	AMMON 14215	82140	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Place on ice immediately after collection. Centrifuged and separate within 15 minutes of collection. Storage Frozen <20°C up to 3 weeks Transport Frozen **NOTE** Tube should be: • Completely filled • Stored tightly capped on ice • Centrifuged and separated within 15 minutes • Analyzed within 2 hour Hemolysis is unacceptable.	Glutamate dehydrogenase	See Report	M - SU	4 HR
Amniotic fluid chromosome analysis for prenatal DX of chromosome abnormalities in patients with a known cytogenetic abnormality, AMA, HX of child with birth defect, etc.	LAB936	G-AF	88235 x2 88269 x1 88280 x1 88285 x1 88291 x1	Cytogenetics	15-30 mLs of amniotic fluid. Room temp. Deliver to lab immediately. Call Cytogenetics at 254-724-3704 prior to collection if drawn after 5pm.	Culture for 5-10 days by <i>in situ</i> methodology and analysis of chromosomes	Normal male (46,XY) or normal female (46,XX)	M - Su	5 Days
Amniotic Fluid Culture	LAB7720	AMNCU	87070	Microbiology	Perform percutaneous aspiration to obtain amniotic fluid. Contents are injected into a sterile container. Transport: If immediate transport is impossible, the specimen may be held at ambient temperature for up to 24 hours.	Bacterial culture	No organisms isolated.	M - SU	5 days
Amoxicillin IgE	LAB0700061	AMOXY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Amphetamine	LAB357	AMP	80324	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 HR

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Amphetamines by LC/MS (U)	LAB333008	AMPDC	G0480	Chemistry	Container Random urine tube Preferred 3 mL urine Minimum 3 uL urine Transport Send Refrigerated Storage Room temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-15°C to -30°C) 30 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
Amphetamines-Serum (Qnt)	LAB667	AMPHQ	80375	Reference Lab	Container 1 plain red top tube Preferred 1 mL serum Process Spin and separate within 2 hrs Transport Send refrigerated	LC/MS	Call Ref Lab		10 days
Ampicillin IgE	LAB0700062	AMPIC	86003	Immunology	Container 1 SST tube Preferred 0.5 mL serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Amylase	LAB48	AMYL 14600	82150	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	CNPG3	28 - 100 U/L	M - SU	4 HR
Amylase - Body Fluid	LAB178	AMY.F 14603	82150	Chemistry	Container Sterile Container Preferred 5 mL body fluid Minimum 1 mL body fluid Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	CNPG3	No Reference Range Available	M - SU	4 HR
Amylase - Urine (24 Hr)	LAB359	UAMYL 14902	82150	Chemistry	Container 24hr Urine container Preferred 10 mL of urine Minimum 5 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 10 days Freeze (-20°C) up to 3 weeks	CNPG3	0 - 1200 U/L	M - SU	4 HR
Amylase - Urine (Random)	LAB358	UAMLR	82150	Chemistry	Container Random Urine Container Preferred 10 mL of urine Minimum 5 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Room temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 10 days Freeze (-20°C) up to 12 weeks	CNPG3	No Reference Range Available	M - SU	4 HR
Amylase Isoenzymes	LAB7722	AMLIS	82150 X 2	Reference Lab	Container 1 SST tube Preferred 1 mL serum Minimum 0.5 mL Process Spin and separate ASAP Transport Send refrigerated	Enzymatic	Call Ref Lab		5 days
ANA with Reflex Panel if Positive	LAB9003	ANAPN	86038 ANATI 86039 PANEL 86255 86235 x4	Immunology	Container 1 SST (gold) tube Preferred 1 mL Serum Minimum 0.5 mL Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Panel contains: dsDNA, Ssa, Ssb, Sm & RNP Panel will be reflexed on if ANA screen is positive.	If A and Multiplex Immunoassay	Negative	M - F	1-3 days
Anerobe Culture	LAB233	ANACU	87075	Microbiology	Avoid any exposure to air (oxygen). Recommended specimens are tissue or biopsy samples, aspirates, body fluids and deep wounds. Specimens should be transported in Eswab transport device. Larger tissue specimens may be collected in sterile containers with a small amount of saline to keep the specimen moist. Transport All specimens should be transported to Microbiology within 24 hours at ambient temperature. Do not refrigerate.	Anaerobic bacterial culture	No anaerobes isolated.	M - SU	5 days
Anchoy IgE	LAB095327	ANCHO	86003	Immunology	Container 1 SST tube Preferred 0.5 mL serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Androstenedione	LAB518	ADION	82157	Reference Lab	Container 1 SST tube Preferred 1 mL serum Minimum 0.3 Process Spin and separate Transport Send refrigerated **NOTE** Specimen should be collected between 6-10 am. Heparin or EDTA plasma also acceptable.	HPLC/MS	Call Ref Lab		5 days
Angiotensin Converting Enzyme	LAB179	ACES	82164	Reference Lab	Container SST tube Preferred 1 mL serum Process Allow to clot completely at room temp, spin and separate within 2 hrs Transport Send refrigerated	Quant Enzymatic	Call Ref Lab		2 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Angiotensin Converting Enzyme-CSF	LAB180	ACECS	82164	Reference Lab	Container Sterile container Preferred 1 ml CSF Minimum 0.5 ml Process Spin and separate within 1 hr Transport Send frozen **NOTE** CSF containing gadolinium-based contrast agents should not be submitted	Quantitative Spectrophotometry	Call Ref Lab		6 days
Animal-Skin Panel #2 IgE Guinea pig Epith, Hamster Epith, Mouse Epith, Rabbit Epith, Rat Epith	LAB095387	SKIN2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Anise IgE	LAB095341	ANISE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Anti A1/Anti B	LAB095094	ANTAB	86976	Reference Lab	Container Plain red top Preferred 6 mls whole blood Process Do not spin Transport Send whole blood room temp		Call Ref Lab		3 days
Anti CIQ Antibody IgG	LAB75000671	ACTQG	83516	Reference Lab	Container SST tube Preferred 0.5 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Semi-Qnt ELISA	Call Ref Lab		2 weeks
Anti Cardiolipin G&M	LAB464	ACLA	86147x2	Immunology	Container: 1 SST tube Preferred: 1 mL Serum Minimum: 0.5 mL Serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	Multiplex Immunoassay	IgG: <20 GPL-U/mL IgM: <20 MPL-U/mL	M-F	1 Day
Anti DNA Antibodies	LAB648	DNA	86255	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M - F	1-3 days
Anti factor Xa	LAB9308	FXA	85130	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge within one-hour of collection and test within 2 hours. If unable to test within two-hours, separate plasma into a plastic tube and freeze within two-hours of collection. Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	0 IU/ml	M - F (batch)	1 day
Anti Glomerular Basement Membrane Antibody	LAB727	GBMAS	83516	Immunology	Container 1 SST Tube or 1 Red top Preferred 1 mL Serum Minimum 0.5 mL Serum Process Centrifuge Storage Refrigerate Transport Refrigerate	Multiplex Immunoassay	<1.0	M - F	1 day
Anti Granulocyte Ab	LAB7725	GRANL	86021	Reference Lab	Container 1 plain red top tube Preferred 2 mls serum Minimum 0.5 ml Process Spin and separate Transport Send refrigerated **NOTE** No SST tubes. Only pretransfusion reaction specimen is acceptable.	Indirect Immunofluorescence	Call Ref Lab		10 days
Anti IgA Abs	LAB7733	IGAB	83520	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml Process Spin and separate Transport Send refrigerated	Fluorescent Microsphere Immunoassay	Call Ref Lab		2 weeks
Anti IgE Receptor Ab	LAB7726	IGEAB	88184 88185 x 2	Reference Lab	Container 1 SST tube Preferred 1 ml serum Process Spin and separate. Storage Send frozen.		Call Ref Lab		3 weeks
Anti Mitochondrial Antibody	LAB513	AMA	86255 AMATI 86256	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M-F	1-3 days
Anti Mullerian Hormone	LAB9484	AMH LAB9484	83520	Chemistry	Container 1 LHP tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room temperature up to 3 days Refrigerate (2-8°C) up to 5 days Freeze (-15°C to -30°C) 6 months Freeze only once	Immunoassay Sandwich Technique	See Report	M - Su	4 HR
Anti Myeloperoxidase Antibody (MPO)	LAB8118	MPOAS	83516	Immunology	Container 1 SST tube or 1 red top Preferred 1 mL Serum Minimum 0.5 mL Serum Process Centrifuge Storage Refrigerate Transport Refrigerate	Multiplex Immunoassay	<1.0	M - F	1 day
Anti Nuclear Antibody Screen	LAB147	ANA	86038 ANATI 86039	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M - F	1-3 days

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Anti Parietal Cell Antibody	LAB514	APCA	86255	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M-F	1-3 days
Anti Smooth Muscle Antibody	LAB826	ASMA	86255 ASMT1 86256	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M-F	1-3 days
Anti Streptolysin O Screen	LAB219	ASO	86063 ASOT1 86060	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Latex Agglutination	Negative	M - F	1 day
Antibody Identification	LAB941	ABID	86870	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Column Agglutination Hemagglutination Solid Phase	NA		8 hours
Antibody Screen (Indirect Coombs)	LAB1282	AS	86850	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Column Agglutination Hemagglutination Solid Phase	NA		8 hours
Antibody Titer	LAB275	TITER	86886	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Hemagglutination	NA		2 hours
Antihistamine Screen Urine	LAB7732	LC547	80307	Reference Lab	Container Random urine container Preferred 10 mls urine Transport Ambient temperature good for 3 days, after 3 days, send refrigerated.	GC/NPD	Call Ref Lab		5 days
Antithrombin III -	LAB311	ATHI	85300	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Chromogenic	80 - 120	M - F (batch)	3 days
Apolipoprotein B	LAB7734	APOLB	82172	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml Process Allow specimen to clot completely at room temperature. Spin and separate within 2 hrs Transport Send refrigerated **NOTE** Patient must be fasting	Quantitative Nephelometry	Call Ref Lab		2 days
Apple IgE	LAB0700063	APPLE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Apricot IgE	LAB0700064	APCOT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
APT Test	LAB7921	APT	83033	Microbiology	IMPORTANT!!! Samples need to be collected and sent to the laboratory as soon as possible as oxidation of the red blood cells will hinder the laboratory's ability to perform this test. Sample MUST have bright red visible blood and not be tarry. Acceptable specimens are stool, gastric aspirate and vomitus. These specimens should be submitted in a sterile container. Diapers are not recommended, but may be submitted. Transport Send to the laboratory within 2 hours at ambient temperature.	Biochemical reaction	Maternal blood only or fetal blood	M-SU	24 hrs
aPTT - Post Heparin Removal	LAB7736	PTTHR	85730	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	26 - 40 Sec.	M - SU	2 weeks
Arbovirus PCR, Blood		AVPCR	87801	Molecular	Specimen: EDTA Plasma or Serum Container: 3 ml lavender tube/SST tube Minimum: 0.5 ml Storage: Freeze Transport: Freeze	PCR	Not Detected	Batched M-F	3 days
Arbovirus PCR, Urine		APCRU	87801	Molecular	Container: Sterile container Minimum: 0.5 ml Storage: Freeze Transport: Freeze	PCR	Not Detected	Batched M-F	3 days
Arginine Vasopressin Hormone	LAB1108	ARGVS	84588	Reference Lab	Container 3 EDTA purple tops Preferred 6 mls plasma Minimum 2.5 mls plasma Process Spin and separate within 2 hrs Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests.	Radioimmunoassay (RIA)	Call Ref Lab		12 days
Arsenic, Blood	LAB7740	ARSN	82175	Reference Lab	Container 1 full royal blue Monoject with EDTA Preferred 7 mls whole blood Minimum 0.5 mls Process Send whole blood in original container Transport Send refrigerated	ICP-MS	Call Ref Lab		4 days

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Arylsulfatase A, Leukocytes	LAB7741	ARYL	82657	Reference Lab	Container 1 ACD yellow top tube Preferred 7 mls whole blood Minimum 5 mls whole blood Process Send whole blood in original tube Transport Send refrigerated **NOTE** Draw Monday or Tuesday only.	Colorimetric, Kinetic	Call Ref Lab		2 wks
Asparagus IgE	LAB0700067	ASGUS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Aspergillus Antibodies	LAB784	ASPER	86606	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Includes A. fuligatus, A. niger, A. flavus and A. terreus	Immunodiffusion	Negative	M - F	1 - 3 days
Aspergillus Fumigatus IgE	LAB090502	AFUME	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Aspergillus Galactomannan Ag Serum	LAB9465	ASPG	87305	Reference Lab	Container SST Preferred 2 mls serum Process Spin and separate within 2 hrs Transport Send serum frozen	Semi-Quantitative Enzyme Immunoassay	Call Ref Lab		3 days
Aspergillus Galactomannan Bronchoscopy	LAB3046200071	AGBRC	87305	Reference Lab	Container Steril container Preferred 2 mls BAL or Bronch wash Transport Send frozen	Semi-Quantitative Enzyme Immunoassay	Call Ref Lab		3 days
Aspergillus Niger IgE	LAB0700070	ANIGE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
AST (SGOT)	LAB131	SGOT 11800	84450	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 ml. plasma Minimum 1 ml. plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 4 days Refrigerate (2-8°C) up to 7 weeks Freeze (-20°C) up to 12 weeks	NADH (without P-5'-P)	See Report	M - SU	4 HR
Atenolol	LAB7744	ATENO	80375	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Process Spin and separate Transport Send refrigerated **NOTE** No SST tubes	HPLC/MS	Call Ref Lab		7 days
Aureobasidium Pullulans IgE	LAB0700071	AUREO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Australian Pine IgE	LAB090503	APINE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Avocado IgE	LAB0700072	AVOCA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
B Type Natriuretic Peptide	LAB106	BNP	83520	Chemistry	Container 1 EDTA (Lavender top) tube Preferred 2 mL EDTA plasma Minimum 1 mL EDTA plasma Process Specimens must be tested within 4 hours if stored at room temperature. Refrigerated specimens (-2°C) must be tested within 24 hours Storage Refrigerate plasma (2-8°C) Transport Refrigerate (2-8°C) **NOTE** Separate plasma and freeze (-20°C) if testing not performed within 24 hours of collection.	Chemiluminescence	See Report	M - SU	4 HR
Bacterial Aerobic ID	LAB999140	AERID	87077	Microbiology	Isolate inoculated on agar or slant. Transport: Send to the laboratory in ambient temperature.	MALDI-TOF identification	Organism identification	M-SU	72 hrs
Bacterial Anaerobic ID	LAB999141	ANAID	87076	Microbiology	Isolate transported to the laboratory on agar or slant in anaerobic conditions at ambient temperature.	MALDI-TOF identification	Organism identification	M-SU	72 hrs
Bacterial Vaginosis PCR	LAB304256012	BVPCR	87801 x 1	Molecular	Specimen: Vaginal Swab in APTIMA Collection Device Container: APTIMA Collection Device Minimum: 1.0mL Storage: 2-30°C Transport: Keep cool	Target Amplification	Not Detected	Batched M-F	1 - 3 days

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Bahia Ige	LAB090521	BAHGR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bamboo Shoot IgE	LAB095363	BAMBO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Banana IgE	LAB0700075	BANA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Barbiturate	LAB7747	BAR	80345	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 HR
Barbiturates Serum	LAB7746	BARBT	80307	Reference Lab	Container 2 SST tubes Preferred 7 mls serum Process Spin and separate within 2 hours Transport Send refrigerated	GC/MS IA	Call Ref Lab		5 days
Barium	LAB7748	BARUM	80318	Reference Lab	Container 1 plain royal blue metal free tube Preferred 1 ml plasma Process Spin and separate. Pour off serum into metal free tube Transport Send refrigerated.	ICP/MS	Call Ref Lab		7 days
Barley Grass IgE	LAB095301	BARGR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Barley IgE	LAB0700076	BARLY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bartonella Quintana	LAB7749	BQUN.	86611 X 2	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.4 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated.	IFA	Call Ref Lab		9 days
Basil IgE	LAB095342	BASIL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bay Leaf IgE	LAB095343	BAY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
BCR-ABL t(9;22) (Blood)	LAB7754	BCRAB	81206 G0452	Molecular	3 mls of EDTA blood (purple top) 1 ml minimum requirement *Store at 2-8°C (Refrigerate)	Real Time PCR	Negative (for translocation)	Batched M - F	7-10 days
BCR-ABL t(9;22) (Bone Marrow)	LAB7753	BCRBM	81206 G0452	Molecular	Bone Marrow Biopsy Bone Marrow Aspirate in EDTA 1 ml minimum requirement *Store at 2-8°C (Refrigerate)	Real Time PCR	Negative (for translocation)	Batched M - F	7-10 days
BCR-ABL1 Mutation Analysis by Next Gen Seq	LAB9619	BCRMU	81479	Reference Lab	Container EDTA lavender top tube Preferred 5 mls whole blood Process Do not spin Transport Send whole blood refrigerated **NOTE** Draw Mon - Fri ONLY. Must be in Ref Lab by 2PM	Massively Parallel Sequencing	Call Ref Lab		14 days
BCR-ABL-1, Minor (P190)	LAB9995	BCRMN	81207	Reference Lab	Container EDTA lavender top Preferred 5 mls whole blood to 3 mls bone marrow Process Do not spin. Refrigerate immediately. Transport Send refrigerated **NOTE** Specimen must be received within 48 hours. Specimens must be in Ref Lab by 2 pm on Friday. Do not draw on the weekend. Separate specimens must be sent for multiple tests.	PCR	Call Ref Lab		8 days
Beech IgE	LAB0700079	BEECH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Beef IgE	LAB090508	BEEF	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Beets (Beetroot) IgE	LAB095364	BEEF	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Benzodiazepine	LAB367	BZO	80346	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 HR
Benzodiazepines by LC/MS (U 7-Aminoclonazepam (Clonazepam metabolite) Alprazolam, Hydroxyalprazolam, Nordiazepam (diazepam metabolite), Temazepam, Oxazepam Hydroxyethylflurazepam Hydroxytriazolam, Lorazepam, Hydroxyamidazolam	LAB9405	BNZOD	G0480	Chemistry	Container Random urine tube Preferred 3 mL urine Minimum 3 mL urine Transport Send Refrigerated Storage Room Temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-15°C to -30°C) G121630 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
Bermuda IgE	LAB090510	BERMG	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Beryllium	LAB7755	BRLYM	83018	Reference Lab	Container 1 plain royal blue metal free tube Preferred 1 ml plasma Process Spin and separate. Pour serum into metal free tube Transport Send refrigerated.	ICP/MS	Call Ref Lab		7 days
Beta ₂ Glycoproteins (IgG & IgM)	LAB7757	B2GLY	86146X2	Immunology	Container: 1 SST tube Preferred: 1 mL Serum Minimum: 0.5 mL Serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	Multiplex Immunoassay	IgG: <20 U/mL IgM: <20 U/mL	M-F	1 Day
Beta ₂ Microglobulin - Serum	LAB49	B2SER 35040	82232	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Room temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 3 days Freeze (-20°C) up to 6 months	Turbidimetric / Immunoturbidimetric	0-18 years No Range 18-60 years 1.3 - 2.9 mg/L > 60years 1.7 - 4.5 mg/L	M - Su	4 HR
Beta-2-Transferrin	LAB205	BTTR2	86335	Reference Lab	Container: Sterile container Preferred: 2 mls aural or nasal fluid Minimum: 1 ml Process: Transfer body fluid from syringe to sterile container. Transport: Send frozen.	Qualitative Immunofixation Electrophoresis	Call Ref Lab		5 days
Beta-Hydroxybutyrate (β-Hydroxybutyrate)	LAB7756	BHB	82010	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL Plasma Minimum: 1 mL Plasma Process: Centrifuge Storage: Refrigerate (2 - 8° C) Transport: Refrigerate **NOTE** Serum, Sodium Fluoride, EDTA acceptable Refrigerate (2 - 8° C) up to 7 days	Enzymatic	< 4.0 mmol/L	M - SU	4 HR
Beta-Lactoglobulin IgE	LAB0700082	BELAC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bile Acid Urine	LAB7758	BLACD	82239	Reference Lab	Container Sterile container Preferred 50 mls random urine Transport Send frozen.		Call Ref Lab		2 weeks
Bile Acids Total	LAB693	BL.AT	82239	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Allow specimen to clot completely at room temp before spinning. Spin and separate. Transport: Send serum refrigerated. **NOTE** Patient must be fasting 8 hrs. No body fluids.	Enzymatic	Call Ref Lab		2 days
Bilirubin - Direct	LAB52	DBIL 14225	82248	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable For optimal stability, samples should be protected from bright light Room Temperature (20-25°C) up to 2 day Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months	Diazo J-G with Blank	See Report	M - SU	4 HR

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Bilirubin - Neonatal	LAB51	NBIL 14253	82247	Chemistry	Container: 1 lithium heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable For optimal stability, samples should be protected from bright light Room Temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 6 months	Diazo Reaction	See Report	M - SU	4 HR
Bilirubin, Total	LAB50	TBIL 10900	82247	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable For optimal stability, samples should be protected from bright light Room Temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 6 months	Diazo Reaction	0.2 - 1.2 mg/dL	M - SU	4 HR
Bilirubin, Total - Body Fluid	LAB182	TB.F 12901	82247	Chemistry	Container: 1 Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** For optimal stability, samples should be protected from bright light Room Temperature (20-25°C) up to 1 day, Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 6 months	Diazo J-G with Blank	No Reference Range Available	M - SU	4 HR
Bioavailable Testosterone	LAB839	TSTTB	84403 84410	Reference Lab	Container: 1 plain red top tube Preferred: 1.5 mL serum Minimum: 0.85 mL serum Process: Spin and separate Transport: Send refrigerated **NOTE** No SST tubes	Two-site chemiluminescent Immunoassay/ equilibrium dialysis /LC-MS/MS	Call Ref Lab		7 days
Biotinidase	LAB9777	BIOT	82261	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin down immediately and pour into plastic vial Transport: Send serum frozen **NOTE** Plain red top acceptable	Colorimetric	Call Ref Lab		10 days
BK/JC Virus PCR (Blood)	LAB7759	BKJCB	87799 x 2	Molecular	3 mL EDTA blood (purple top) 1 mL minimum requirement *Store at 2-8°C (Refrigerate)	Real Time PCR	Negative	Batched M - F	3 days, 24 hours TAT for STAT is required
BK/JC Virus PCR (Urine)	LAB7760	BKJC	87799 x 2	Molecular	5 mL of urine, 1 mL CSF 1 mL minimum requirement *Freeze specimen within 1 hr	Real Time PCR	Not Detected	Batched M - F	1 - 3 days
Black Pepper IgE	LAB0700084	BLPEP	86003	Immunology	Container: 1 SST tube Preferred: 0.5 mL serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Blackberry IgE	LAB095256	BLACK	86003	Immunology	Container: 1 SST tube Preferred: 0.5 mL serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Blastomyces Ab w.Reflex- Serum	LAB7762	BDSER	86612	Reference Lab	Container: 1 SST tube Preferred: 1 mL serum Minimum: 0.3 mL serum Process: Spin and separate within 2 hrs Transport: Send refrigerated.	Semi-Quantitative Enzyme- Linked Immunosorbent Assay/Qualitative Immunodiffusion	Call Ref Lab		7 days
Blomia Tropicalis IgE	LAB095284	BTROP	86003	Immunology	Container: 1 SST tube Preferred: 0.5 mL serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Blood Culture	LAB462	BC	87040	Microbiology	Collection site should be disinfected according to instructions for bacterial blood culture collection. Adults: Draw 20 mL of blood and divide evenly between aerobic (green) and anaerobic (orange) bottles. If <10 mLs of blood are collected, inoculate the aerobic (green) bottle <u>only</u> . If <20 mLs of blood are collected, put 10 mLs into the aerobic (green) bottle and the remaining blood into the anaerobic (orange) bottle. Pediatrics: Collect the aerobic bottle only. 1-20 mL depending on weight of patient: <8.7 lbs = 1 mL 8.8-30.9 lbs = 3 mL 31-55 lbs = 10 mL **NOTE** Each order for blood cultures should be blood cultures x2 Draws can be sequential, but each draw site should be prepped. Transport - Send bottles to the Microbiology lab as soon as possible in ambient temperature. Physicians will be notified of positive cultures Gram stain and Verigene results.	Bacterial culture -BacTAlert 3D System and Verigene testing on positives	Negative @ 5 days	M - SU	5 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Blood Culture for Acid fast	LAB246	BCAF	87116	Microbiology	Collection site should be disinfected according to instructions for bacterial blood culture collection. Adults: 10 ml draw in a Wampole (Isolator) tube Pediatrics: 1.5 ml draw in a Wampole (Isolator) tube Transport: Send to the laboratory within 2 hours. Specimen is viable at ambient temperature for up to 16 hours. Primary smears will not be performed on acid fast blood cultures. The physician will be notified of all positive cultures.	Mycobacterial culture- Isolator system	No acid fast bacilli isolated.	M - SU	6 wks
Blood Culture for Fungus	LAB242	BCFUN	87103	Microbiology	Collection site should be disinfected according to instructions for bacterial blood culture collection. Adults: 10 ml draw in a Wampole (Isolator) tube Pediatrics: 1.5 ml draw in a Wampole (Isolator) tube Transport Send to the laboratory within 2 hours. Specimen is viable at ambient temperature for up to 16 hours. Primary smears will not be performed on blood cultures. The physician will be notified of all positive cultures.	Fungal culture-Isolator system	No fungus isolated.	M - SU	4 wks
Blood Gas Testing ABG (Arterial Blood Gas) ABG.I (Arterial Blood gas with Ionized Calcium) ABG.V (Venous Blood Gas) ABG-C (Arterial Blood Gas, Capillary) CORDA (Arterial Blood Gas, Cord) CORDV (Venous Blood Gas, Cord)	LAB76 LAB7706 LAB79 LAB733 LAB30425003 LAB30425004	LAB76 LAB7706 LAB79 LAB733 LAB30425003 LAB30425004	82803	Chemistry	Container safe PICO, PICO50, full capillary tube Preferred 2 ml whole blood Minimum safe PICO 0.7 ml, PICO50 0.5 ml Process Mix immediately to dissolve heparin *NOTE* Send blood gas samples to lab immediately after collection. Capillary blood gases must be tested within 10 minutes of collection. All other blood gas testing must be performed within 30 minutes of collection. An acceptable sample is free of all air bubbles and sealed with a cap. Samples using the safe PICO syringe must also have the visible portion of the safe TIPCAP completely filled with blood.	Ion Selective Electrode (ISE)	See Report	M - Su	30 min
Blood Urea Nitrogen (BUN)	LAB140	BUN 10200	84520	Chemistry	Container 1 Lithium Heparin (Green top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	Urease with GLDH	See Report	M - SU	4 HR
Blue Mussel IgE	LAB0700085	BMUSS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Blueberry IgE	LAB0700086	BLUE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Body Fluid Cell Count Serous fluids: Pericardial, peritoneal and pleural. Ascites. Amniotic.	LAB210	BFLCC	89051	Hematology	Container: EDTA, Sterile Container Preferred: 2 mL fluid Minimum: 1.0 mL fluid Process: Deliver to specimen processing area. Storage: Room Temperature **NOTE** Transport: Room Temperature. DO NOT FREEZE	Cell Counter Automated with Fluorescent Stain Hemacytometer		Daily, 24 hours	1 hour
Body Tissue Culture	LAB7763	BTCU	87070	Microbiology	Collect sample in a sterile container with a small amount of sterile saline, without preservatives. If collected by Eswab send to the laboratory in the Eswab transport device. Transport Ambient temperature preferred for 24 hours and refrigerated 24 hours	Bacterial culture	No organisms isolated.	M - SU	5 days
Bone Alkaline Phosphatase	LAB1070	BNALK	84080	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Process Spin and separate Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests.	Immunoenzymatic Assay	Call Ref Lab		2 days
Bone Marrow Aspiration	LAB7767	N. A. Paper Requisition	85097	Hematology	Special Instructions: Order a CBC during the 24-hours before a bone marrow collection. Container: 1 - EDTA (lavender) tube Preferred: 1 mL aspirate Minimum: 0.5 mL aspirate Off-Campus Collection: (1) Submit 2 well made unstained peripheral blood smears, and (2) a copy of the CBC report. Storage: Room temperate; deliver to lab ASAP Transport: Keep aspirate cool; transport glass slides in a puncture-resistant slide container. **NOTE** Additional charges may occur if additional special stains are required based upon pathologist findings.	Microscopic w/ Stained Smears	See report; Pathologist Interpretation	M - F	M - TH = 24 HR F = Next Business Day

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Bone Marrow Biopsy	LAB7769	N. A. Paper Requisition	85103	Hematology	Special Instructions Order a CBC (21000) during the 24-hours before a bone marrow collection. Preferred 1-2 cm of bone marrow biopsy Minimum A biopsy length less than 1-cm may limit the extent of procedure Collection On The Main Temple Campus · If collected on the S&W main campus, place biopsy in a sterile container. · DO NOT add a preservative. Collection Off Campus · If collected at an off-campus location, place biopsy in a sterile container containing 10% buffered formalin solution (preservative) · Also submit 2 well made unstained peripheral blood smears and a copy of the CBC report · Storage: Room temperate or slightly cool; deliver to lab ASAP · Transport: Keep biopsy at room temperature or slightly cool; transport glass slides in a puncture-resistant slide container. NOTE #1: Additional charges may occur if additional special stains are required based upon pathologist findings. NOTE #2: 10% buffered formalin containers are available by contacting the main Hematology Lab.	Microscopic w/ Stained Tissue	See report; Pathologist Interpretation	M - F	6 weeks
Bone Marrow Culture	LAB7770	BMCU	87070	Microbiology	Container ISOLATOR TUBE (1.5 ml or 10 ml) Preferred > 1 mL Aspirate Transport Send to the laboratory within 2 hours. Specimen is viable at ambient temperature for up to 16 hours.	Bacterial Culture Fungal Culture Acid fast Culture	No organisms isolated.	M - Su	6 wks
Bordetella pertussis/parapertussis	LAB923	BPPCR	87798 x 2	Molecular	Nasopharyngeal swab in M4 Viral Transport Media *Store at 2-8° C (Refrigerate)	Real Time PCR	Negative	Batched M - F	1 - 3 days
Botrytis Cinerea IgE	LAB091817	BOTC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bovine Serum Albumin (BSA) IgE	LAB095261	BSA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Box Elder/Maple IgE	LAB090525	BOXER	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
BRAC Analysis Single Site	LAB7870	BRAC1	81215	Reference Lab	Container EDTA purple top tube provided by Myriad Genetics Preferred 10 mls whole blood Process Do not spin Transport Send room temp overnight in kit provided by Myriad	DNA Analysis	Call Ref Lab		3 weeks
BRAF Mutation Detection	LAB7771	BRAF	81210 G0452	Molecular	Specimen Formalin-fixed paraffin embedded tissue block or Thyroid FNA specimens Container Sterile container Minimum Need adequate tumor specimen in block Storage Room temperature, refrigerate FNA samples Transport Ambient	Pyrosequencing	Negative	Batched M - F	5-7 days
Brazil Nut IgE	LAB0700088	BRAZN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Breast/Ovarian Cancer Panel	LAB9730	BOCPN	81211 81213	Reference Lab	Container: EDTA lavender top Preferred: 5 mls whole blood Process: Do not spin Transport: Send whole blood room temp	Exon Array CGH, Nest-gen Sequencing	Call Ref Lab		10 weeks
Broccoli IgE	LAB0700089	BROCC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bronchial Lavage Cell Counts	LAB9172	BRONL	89051	Hematology	Container: Sterile, leak-proof container Preferred: 2 mL fluid Minimum: 1.0 mL fluid Process: Deliver to specimen processing area. Storage: Room Temperature **NOTE** Transport: Room Temperature; DO NOT FREEZE	Hemocytometer		Daily, 24 HRS	1 hour
Brome IgE	LAB090530	BROME	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Brucella Ab	LAB221	BRCLA	86622	Reference Lab	Container SST Tube Preferred 1ml serum Process Spin and separate within 2 hours Transport Send serum refrigerated	Semi-Qnt Agglutination	Call Ref Lab		5 days
Brussel Sprout IgE	LAB095365	BSPRO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Buckwheat IgE	LAB095293	BUCWH	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Budgerigar Droppings IgE	LAB095262	BUDDR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Budgerigar Feathers IgE	LAB095263	BUFTH	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Bullous	LAB9316	BLSPM	83516 x2	Reference Lab	Container: Plain red top Preferred: 1 ml serum Process: Spin and separate Transport: Send serum refrigerated	ELISA	Call Ref Lab		5 days
Bupivacaine	LAB7777	BUPVC	80375	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Good room temp 3 days, after 3 days, send refrigerated.	LC-MS/MS	Call Ref Lab		10 days
C 5	LAB7778	C5	86160	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Allow specimen to clot for 1 hr at room temp. Spin and separate within 2 hrs. Freeze immediately. Transport: Send frozen. **NOTE** Separate specimens must be sent for multiple tests	Qnt Radial Immunodiffusion	Call Ref Lab		9 days
C Teloepitope Beta-Cross-Linked	LAB9301	C-TEL	82523	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum frozen	Electrochemiluminescent Immunoassay	Call Ref Lab		5 days
C. Burnetii Abs IgG, IgM, reflex to titer (Q-Fever)	LAB75000672	CBABS	86638 x 4	Reference Lab	Container: SST tubes Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	SemiQnt Indirect Fluorescent Ab	Call Ref Lab		7 days
C. difficile PCR	LAB7780	CDPCR	87493 x 1	Molecular	Specimen: Stool (loose) Container: Sterile container Minimum: 1.0mL Storage: Refrigerate, if >24hrs Freeze Transport: Keep cool	Real Time PCR	Negative	Sun- Fri	24 hour
C. Psittaci Abs	LAB7781	PSIT	86631 X 2 86632	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Send serum room temp.	IFA	Call Ref Lab		5 days
CI Esterase Inhibitor	LAB850	CIIN	86160	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin, separate and freeze within 2 hours Transport: Send serum refrigerated	Nephelometry	Call Ref Lab		5 days
CI Esterase Inhibitor Functional	LAB7782	CIFNC	86161	Reference Lab	Container: SST tube Preferred: 0.5 ml serum Process: Spin, separate and freeze within 2 hrs Transport: Critical frozen **NOTE** Separate tubes must be sent for multiple tests	Semi-Qnt ELISA	Call Ref Lab		5 days
C2 Complement Functional	LAB333015	C2FXN	86161	Reference Lab	Container: Plain red top tube Preferred: 1 ml serum Process: Immediately after collection, put on ice, spin and separate freeze immediately Transport: Send frozen **NOTE** Fasting preferred but not required	Qual Enzyme Immunoassay	Call Ref Lab		3 days
C3 - Complement	LAB152	C3.	86160	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2ml plasma Minimum: 1 ml plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 8 days Freeze (-20°C) for 8 days	Immunoturbidimetric	>11 yrs. 90-180 mg/dl	M - Su	4 HR
C4 - Complement	LAB151	C4.	86160	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2ml plasma Minimum: 1 ml plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 8 days Freeze (-20°C) up to 8 days	Immunoturbidimetric	>11 yrs. 10-40 mg/dl	M -Su	4 HR

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Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
CA125	LAB155	CA125 34125	86304	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerated **NOTE** Lithium Heparin Acceptable Spin and remove serum from clot, gel separator or cells within 24-hours of collection Refrigerate (2-8°C) up to 7 days Freeze (-20°C) if testing will be delayed more than 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	0 - 35.0 U/mL	M - Su	4 HR
CA15-3	LAB776	CA15	86300	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lithium Heparin Acceptable If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells and store at 2-8°C Refrigerate (2-8°C) up to 7 days Freeze (-20°C) if not done within 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	0 - 31.3 U/mL	M - SU	4 HR
Cabbage IgE	LAB0700091	CABB	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cacao/Cocoa Ige	LAB095252	COCOA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cadmium Urine	LAB370	CDMU	82300	Reference Lab	Container 24 hr or random urine Preferred 8 mls urine Process Refrigerate urine during collection, pour off into metal free tube Transport Send urine refrigerated	Quantitative Inductively Coupled Plasma/MS	Call Ref Lab		4 days
Cadmium, Blood	LAB7786	CADM	82300	Reference Lab	Container 1 royal blue monojest tube with EDTA Preferred 3 mls whole blood Minimum 0.3 ml whole blood Process Leave in original tube Transport Send refrigerated	ICP-MS	Call Ref Lab		3 days
Caffeine	LAB706	CAFF	80155	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.25 ml serum Process Spin and separate within 2 hours Transport Send frozen **NOTE** Freeze if collected Fri, Sat or Sun	Immunoassay	Call Ref Lab		3 days
Calcitonin	LAB519	CALTN	82308	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Qnt Chemiluminescent Immunoassay	Call Ref Lab		3 days
Calcium	LAB53	CA 10400	82310	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 3 weeks Freeze (-20°C) up to 8 months	Arsenazo III	8.6 - 10.1 mg/dL	M - SU	4 HR
Calcium - Ionized	LAB54	ICA 14700	82330	Chemistry	Container: 1 SST (Yellow top) tube Preferred: Full tube Minimum: Full tube Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerated **NOTE** DO NOT open cap Tube should be completely filled PICO syringe is acceptable If at McLane Children's refer to MCH Collection Manual	Ion Selective Electrode (ISE)	1.17 - 1.30 mmol/L 4.7 - 5.2 mg/dL	M - SU	4 HR
Calcium - Urine (24 Hr)	LAB7787	UCALC 14911	82340	Chemistry	Container: 24 hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Centrifuge aliquot Preservative: 20 - 30 mL of 6 mol/L HCL If preservatives are not used during 24 hour collection adjust pH to < 2 with 6 mol/L HCL Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 4 days Freeze (-20°C) up to 8 months	Arsenazo III	50 - 400 mg/vol	M - SU	4 HR
Calcium - Urine (Random)	LAB371	UCA.R 14912	82340	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Adjust pH to < 2 with 6 mol/L HCL Centrifuge Aliquot Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 4 days Freeze (-20°C) up to 3 weeks	Arsenazo III	No Reference Range Available	M - SU	4 HR

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Calprotectin (Fecal)	LAB7788	CALP	83993	Microbiology	Container Sterile container, no preservative Preferred 5 grams random stool Minimum 1 grams random stool Storage Refrigerated (2-8°C) if >72 hrs freeze (-20°C) Transport Send refrigerated	Chemiluminescent Immunoassay (CLIA)	Normal <50 ug/g Borderlines 50-120 ug/g Elevated >120 ug/g	M - W - F	72 hrs
Canary Feathers IgE	LAB095264	CAFTH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cancer Antigen-GI (CA 19-9)	LAB777	C199	86301	Reference Lab	Container SST tube Preferred 1 ml serum Process Allow to clot completely at room temp, spin and separate within 2 hrs Transport: Send refrigerated	Quant Electrochemiluminescent Immunoassay	Call Ref Lab		2 days
Candida Albicans IgE	LAB090470	CALBI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Candida/Trichomonas PCR (Females Only)	LAB304256013	CV/TV	87481 x 1 87661 x 1	Molecular	Specimen Genital Swab in APTIMA Collection Device Container APTIMA Collection Device Minimum 1.0mL Storage 2-30°C Transport Keep cool	Target Amplification	Negative	Batched M - F	1-3 days
CAR Autoantibody	LAB7779	CARAA	83520	Reference Lab	Container: 1 SST tube Preferred: 2 mls serum Process: Spin and separate. Transport: Send refrigerated	Western blot	Call Ref Lab		2 weeks
Caraway IgE	LAB095344	CAWAY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Carb Def Transferrin for CDG	LAB9772	CDG	82373	Reference Lab	Container: SST tube Preferred: 0.1 ml serum Process: Spin and separate Transport: Send serum frozen **NOTE** Reason for referral is required	MS	Call Ref Lab		7 days
Carbamazepine	LAB21	CARB 16550	80156	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 month	Enzyme Immunoassay	4 - 10 mcg/mL	M - SU	4 HR
Carbohydrate Def Transferrin	LAB9772	CDFT	82373	Reference Lab	Container: SST tube Preferred: 0.1 ml serum Process: Spin and separate Transport: Send serum frozen **NOTE** Reason for referral is required	MS	Call Ref Lab		10 days
Carboxyhemoglobin	LAB56	COHG 14530	82735	Chemistry	Container 3 mL Sodium Heparin green top (no gel) Preferred 2 mL whole blood Minimum 1 mL whole blood Process DO NOT SPIN. DO NOT UNCAP Storage Refrigerate (2-8°C) Transport Refrigerate (2-8°C) **NOTE** Assay within 72 hours Alternative collection: Can draw 1 mL blood in blood gas syringe but MUST be tested within 30 minutes of collection.	Spectrophotometric	Non-smoker: 0 - 5.0 % Smoker: 5.0 - 10.0%	M - SU	1 HR
Cardamon IgE	LAB095345	CAMOM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Carisoprodol Urine Screen w/Reflex	LAB750000625	CARIS	80307	Reference Lab	Container Random urine container Preferred 4 mls urine Process Pour off into transport tube Transport Send urine refrigerated	Qual EIA/Quant LC/MS	Call Ref Lab		7 days
Carmine/Red Dye IgE	LAB095311	COCH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Carnitine Free & Total (includes Esterified)	LAB815	CARFT	82379	Reference Lab	Container Plain red top tube Preferred 0.5 ml serum Process Spin and separate within 2 hrs. Avoid hemolysis Transport Send serum frozen **NOTE** Separate specimens must be sent for multiple tests	MS	Call Ref Lab		5 days

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Carob IgE	LAB095286	CAROB	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Carrier Screen Expanded Cystic Fibrosis, Fragile X, SMA (3 Genes)	LAB333021	CEXCF	81220 81329	Reference Lab	Container Lavender top tube Preferred 4 mLs whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		1 - 3 days
Carrot IgE	LAB702	CAROT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Casein IgE	LAB070096	CASE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cashew IgE	LAB070097	CASHW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cat Epithelium IgE	LAB090549	CATD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cat Scratch Fever	LAB7790	CA.TS	86611 x 2	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Separate from cells ASAP Transport Send refrigerated	IFA	Call Ref Lab		10 days
Catecholamines, Plasma	LAB963	CATPL	82384	Reference Lab	Container Lithium heparin green top collected on ice Preferred 4 mLs plasma Process Spin and separate within 1 hr Transport Send frozen **NOTE** Patient should be calm and supine for 30 mins prior to collection. Separate tubes must be sent for multiple tests	Qnt HPLC	Call Ref Lab		5 days
Catecholamines, Urine	LAB962	CATFR	82384	Reference Lab	Container: 24 hr urine container with no preservative Preferred: 4 mLs urine Process: Refrigerate during collection. pH can be adjusted after collection to 2-3 by adding acid such as 6 mol/L HCl. Not stable above pH 7. Urine may also be aliquoted into a sulfamic acid catecholamine tube. Transport: Send refrigerated. **NOTE** Drugs and medications may affect results and should be discontinued for at least 72 hrs prior to collection	HP/LC/MS	Call Ref Lab		5 days
Catfish IgE	LAB070099	CFISH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Catheter Tip Culture	LAB7791	TIPCU	87070	Microbiology	Clip end of catheter tip and place into sterile container. Transport Send specimen to the laboratory within 15 minutes at ambient temperature. If transport >15 minutes then refrigerate (2-8°C) up to 2 hours. *Blood cultures should accompany specimen to the laboratory for proper interpretation of tip culture.**	Bacterial culture	Quantitative colony counts <=15	M - SU	48 hrs
Cauliflower IgE	LAB095366	CAULI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
CBC (Complete Blood Count) with WBC differential	LAB294	CBC	85025	Hematology	Container 1 EDTA (lavender) tube must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuoted Collection Tube Minimum 1/3 of optimal collection volume of vacuoted collection tubes Microcontainer Minimum 0.5 mL. Storage Store whole blood at room temperature if testing is performed within 4-hours of collection; otherwise refrigerate. Refrigerated sample satisfactory for 24-hours. Transport Keep cool	Cell Counter Automated w/Fluorescent Stain	See report	M - SU	Hemogram = 2 HR, Auto-Diff = 2-HR, Manual DIFF = 4-HR
CBC (Complete Blood Count) without differential	LAB7793	CBC	85025	Hematology	Container 1 - EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuoted Collection Tube Minimum 1/3 of optimal collection volume of vacuoted collection tubes Microcontainer Minimum 0.5 mL. Storage Store whole blood at room temperature if testing is performed within 4-hours of collection; otherwise refrigerate. Refrigerated sample satisfactory for 24-hours. Transport Keep cool	Cell Counter Automated w/Fluorescent Stain	See report	M - SU	1-3 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
CD20 w/CBC	LAB999154	CD20	86355 x2	Immunology	Container 1 Sodium Heparin (Green) top Preferred 1 ml Whole Blood Minimum 0.5 ml Process DO NOT SPIN Storage Room Temperature Transport Room Temperature **NOTE** Includes CD3, CD19, CD20 Can use EDTA (Purple) top if <24 hrs old MUST HAVE CBC ORDERED	Flow Cytometry	See Report	M-F	1-3 days
CEA - Carcinoembryonic Antigen	LAB57	CEA 34115	82378	Chemistry	Container: 1 SST tube Preferred: 2 ml serum Minimum: 1 ml serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin Acceptable Remove plasma/serum from cells/gel within 24 hours Refrigerate (2-8°C) up to 7 days Freeze (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Smoker: 0 - 5 ng/ml Non-smoker: 0 - 3 ng/ml	M - Su	4 HR
CEA Body Fluid	LAB9273	CEBF	82378	Reference Lab	Container Sterile container Preferred 1 mls body fluid Minimum 0.5 mls body fluid Storage Sneed refrigerated	Electrochemiluminescent Immunoassay	Call Ref lab		2 days
Cedar IgE	LAB090558	CEDAR	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Celery IgE	LAB0700103	CELRY	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Celiac Associated HLA-DQ type (DQ2 and DQ8)	LAB7795	CELIC	81376	HLA	10 ml (cc) of blood in yellow top tube (ACD-A) or lavender EDTA tube. Minimum amount is 3 ml of whole blood. Store at room temperature.	PCR-SSP	Present or not present	M - F	1 day
Centromere -B Antibody	LAB7798	CENTB	86235	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M - F	1 day
Cephalosporium Acremonium IgE	LAB0700104	CARCE	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ceruloplasmin	LAB703	CER	82390	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 8 days Refrigerate (2-8°C) up to 2 weeks Freeze (-20°C) up to 3 months	Turbidimetric / Immunoturbidimetric	18-45 mg/dL	M - Su	4 HR
CF Respiratory Culture	LAB7800	CFRCU	87070	Microbiology	Collect specimen in a sterile container. Acceptable specimens include sputum, bronch wash, sterile brush/lavage, throat swab or other respiratory secretions. Transport Refrigerated preferred (2-8°C) up to 48 hours	Bacterial culture	No organisms isolated.	M - SU	5 days
CF Respiratory Culture, Quantitative	LAB7799	CFQCU	87071	Microbiology	Collect specimen in a sterile container. Acceptable specimens are sterile brush or bronchial lavage. Transport Refrigerated preferred (2-8°C) up to 48 hours	Quantitative bacterial culture	No organisms isolated	M - SU	5 days
CGH Microarray for detection of cryptic unbalanced chromosome rearrangements in dev delay, autism, birth defects, multiple congenital abnormalities. Should be considered if individual had previous chromosomes that were normal.	LAB7802	CGHMA	81229	Molecular	2 EDTA (purple top) tubes, or amniotic fluid in a sterile container, or a product of conception in tissue transport media, RPML, or sterile saline kept at room temp. Requires prior written insurance approval and Scott and White DNA consent form	MicroArray	Normal male or normal female for Oligos tested		1-3 days
Chaetomium Globosum IgE	LAB095245	CHAET	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cheese, Cheddar IgE	LAB0700106	CHEZC	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cheese, Mold Type IgE	LAB0700107	CHEZM	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cherry IgE	LAB0700108	CHERY	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Chestnut, Sweet IgE	LAB0700109	CHEST	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chicken Droppings IgE	LAB095265	CKNDR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chicken Feathers IgE	LAB090573	CKFTH	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chicken IgE	LAB0700110	CHICK	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chicken Serum Protein IgE	LAB095266	CKNSP	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chickpea IgE	LAB0700112	CKPEA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chikungunya Abs	LAB9840	CHKAB	86790 x2	Reference Lab	Container: SST tube Preferred: 0.5 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	IFA	Call Ref Lab		10 days
Childhood-Onset Epilepsy Panel	LAB9616	CHEPI	81302 81304 81404 81405 81406 88271 x 10 88291 84311	Reference Lab	Container: EDTA Lavender Top Preferred: 3mls whole blood Process: Do not spin Transport: Send room temp overnight	Exon Array CGH, Next-gen sequencing	Call Ref Lab		10-12 weeks
Chili Pepper IgE	LAB0700113	CHILI	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Chlamydia Pneumoniae Abs	LAB7803	CHLPN	86631 X 2 86632	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.4 mls serum Process: Spin and separate Transport: Send refrigerated	MICRO-IF	Call Ref Lab		7 days
Chlamydia Pneumoniae PCR	LAB9762	CPCR	87486	Reference Lab	Container: Sterile container Preferred: 2 mls respiratory specimen (bronch lavage, nasal wash, pleural fluid) Process: Transfer 2 mls fluid to a sterile container. Viral transport media acceptable for swabs. Transport: Send fluid frozen	PCR	Call Ref Lab		6 days
Chlamydia Trachomatis PCR	LAB7804	PCRCH	87491 x 1	Molecular	Specimen: Genital swab in APTIMA Collection Device Container: APTIMA Collection Device Minimum: 1.0 mL Storage: 2-30°C Transport: Keep cool	Target Amplification	Not Detected	Batched M - F	1-3 days
Chlamydia Trachomatis PCR - Urine (ordered w/Neisseria Gonorrhoea-GCCHU)	LAB7804	PCRCH	87491 x 1	Molecular	Preferred Specimen: Urine in APTIMA Collection Device or sterile urine Container: APTIMA Collection Tube Minimum: 1.0 mL Storage: 2-30°C Transport: Keep cool	Target Amplification	Not Detected	Batched M - F	1-3 days
Chloride	LAB59	CL 10700	82435	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **Note** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	Ion Selective Electrode (ISE)	See Report	M - SU	4 HR
Chloride - Urine (24 Hr)	LAB375	UCL 14920	82436	Chemistry	Container: 24 Hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Preservative - None Storage: Refrigerate (2-8°C) Transport: Refrigerate **Note** Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 7 days	Ion Selective Electrode (ISE)	110 - 250 mEq/L	M - SU	4 HR

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Chloride - Urine (Random)	LAB374	UCLR 14922	82436	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Preservative - None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 7 days	Ion Selective Electrode (ISE)	No Reference Range Available	M - SU	4 HR
Cholesterol	LAB60	CHOL 11600	82465	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months	Enzymatic	See Report	M - SU	4 HR
Cholesterol, Fluid	LAB8904	CHL.F	82465	Chemistry	Container: Sterile Container Preferred: 5 mL Body Fluid Minimum: 1 mL Body Fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months	Enzymatic	No Reference Range Available	M - SU	4 HR
Chromium Serum	LAB967	CRM	82495	Reference Lab	Container: Royal blue no additive tube Preferred: 2 mls serum Process: Spin and separate within 2 hrs. Pour off into metal free tube Transport: Send room temperature **NOTE** Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals and non-essential over the counter meds.	Qnt Inductively Coupled Plasma-Mass Spec	Call Ref Lab		5 days
Chromium Urine	LAB7806	CRMUR	82495	Reference Lab	Container: 1 24 urine container with no preservative. Preferred: 10 mls urine Minimum: 5 mls urine Process: Aliquot into plastic container with no metal lid or glued insert. Refrigerate within 4 hrs of completion of collection. Transport: Send refrigerated.	DRC-ICP-MS	Call Ref Lab		4 days
Chromium Urine Random	LAB7807	CHRMU	82495	Reference Lab	Container: Random urine container Preferred: 3 mls end of shift urine Process: Send in metal free container. Transport: Send refrigerated.	C, GFAAS	Call Ref Lab		7 days
Chromogranin A	LAB7808	CGA	86316	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Allow specimen to clot completely at room temp. Spin and separate ASAP. Transport: Send frozen.	EIA	Call Ref Lab		6 days
Cinnamon IgE	LAB0700115	CINNA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Circulating Immune Complex	LAB7814	IMMCM	86332	Reference Lab	Container: 1 SST tube Preferred: 2 mls serum Process: Spin and separate Transport: Send room temp		Call Ref Lab		10 days
Citric Acid Urine	LAB7815	CITAC	82507	Reference Lab	Container: 24 hr or random urine Preferred: 4 mls urine Process: Adjust pH to less than or equal to 2 by adding 6N HCl Record TV and pH on tube. Transport: Send urine refrigerated	Quantitative Enzymatic	Call Ref Lab		3 days
CK - MB Mass	LAB7816	CKMB 12500	82553	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge within 2 hours of collection Storage: Refrigerate (2-8°C) up to 8 hours after collection Transport: Refrigerate **NOTE** Serum acceptable When serial specimens are being evaluated, the same type of specimen should be used throughout the study. If testing not performed within 8 hours, separate plasma or serum from cells, clot or serum separator and store at (2-8°C) up to 72 hours Freeze (-10°C or below) up to 30 days	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
Cladosporium IgE	LAB090575	CLAD	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Clam IgE	LAB090597	CLAM	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Clobazam	LAB084128	CLOBZ	80339	Reference Lab	Container Plain red top tube Preferred 1 mL serum Process Spin and separate Transport Send serum refrigerated **NOTE** No SST tubes	HPLC/MS	Call Ref Lab		5 days
Clonidine	LAB7817	CLOND	80375	Reference Lab	Container: 1 plain red top Preferred: 3 mL serum Process: Spin and separate Transport: Send refrigerated	LC/MS/MS	Call Ref Lab		10 days
Clorazepate (Assayed as Nordiazepam)	LAB468	CLZ	80346	Reference Lab	Container Plain red top tube Preferred 1 mL serum Process Spin and separate within 2 hrs Transport Send serum refrigerated **NOTE** No SST tubes. Should be pre-dose (trough) draw	LC-MS	Call Ref Lab		6 days
Clove IgE	LAB0700118	CLOVE	86003	Immunology	Container 1 SST tube Preferred 0.5 mL serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Clozapine and Metabolites	LAB304620063	CLOZP	80159	Reference Lab	Container: Plain red top tube Preferred: 1 mL serum Process: Spin and separate within 2 hrs of draw Transport: Send serum refrigerated **NOTE** Pre-dose (trough) draw at steady state concentration. No SST tubes.	Qnt LC-MS	Call Ref Lab		4 days
CMV AB-IgG (Cytomegalovirus Antibody)	LAB7820	CMVG	86644	Immunology	Container 1 SST tubes Preferred 1 mL Serum Minimum 0.5 mL Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	ELISA	Negative	Batched at least 2x weekly	1-3 days
CMV AB-IgM (Cytomegalovirus-IgM Antibody)	LAB957	CMVMX	86645	Immunology	Container 1 SST tubes Preferred 1 mL Serum Minimum 0.5 mL Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	ELISA	Negative	Batched at least 2x weekly	1-3 days
CO2 (Carbon Dioxide)	LAB55	CO2 10800	82374	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **Note** Serum acceptable. Room Temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 2 weeks	PEP Carboxylase	See Report	M - SU	4 HR
Cobalt Serum	LAB9672	COBT	83018	Reference Lab	Container Royal blue no additive tube Preferred 2 mL serum Process Spin and separate within 2 hours. Pour off into metal free tube Transport Send room temp **NOTE** Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals and non-essential over the counter meds	Qnt Inductively Coupled Plasma-Mass Spec	Call Ref Lab		4 days
Cocaine	LAB378	COC	80353	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 HR
Cocaine by LC/MS (U)	LAB333009	COCDC	G0480	Chemistry	Container Random Urine Container Preferred 3 mL of urine Minimum 3 uL of urine Transport Send refrigerate Storage Room temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-15°C to -30°C) 30 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
Coccidioides Ab Serum	LAB8906	COABS	86635	Reference Lab	Container 1 SST tube Preferred 1 mL serum Minimum 0.4 mL serum Process Spin and separate within 2 hours of collection Transport Send refrigerated	Complement fixation	Call Ref Lab		5 days
Coccidioides Antigen	LAB8429	COCAG	87449	Reference Lab	Container 1 SST tube Preferred 2 mL serum Process Spin and separate Transport Send serum AMBIENT **NOTE** Urine and CSF are also acceptable specimens. Interfering substances include sputolysin and sodium hydroxide.	EIA	Call Ref Lab		5 days
Cocklebur IgE	LAB090606	COCKL	86003	Immunology	Container 1 SST tube Preferred 0.5 mL serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Cockroach IgE	LAB090582	ROACH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Coconut IgE	LAB0700122	CONUT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cod Fish IgE	LAB090577	COD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Coffee IgE	LAB0700124	COFFE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cold Agglutinin	LAB1182	COLD	86156	Immunology	Container 2 Red Top tubes Preferred 2 ml Serum Minimum 1 ml Serum Process Specimen must be at 37°C from draw to lab. Then centrifuge and remove from cells. Storage Refrigerate once removed from cells Transport Refrigerate once removed from cells. Send both serum and cells to lab **NOTE** Sample must remain at 37°C until clotted. Once clotted, centrifuge and remove serum from cells	Agglutination	Negative	M - F	1-3 days
Collagen Type II Antibody	LAB7828	CTII		Reference Lab	Container SST Tube Preferred 3 mls serum Process Spin and separate Transport Send serum frozen **NOTE** Separate specimens must be sent for multiple tests	Qnt ELISA	Call Ref Lab		3 weeks
Common Millet IgE	LAB095294	MILLC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Complement - Total (CH 50)	LAB154	CAT50	86162	Reference Lab	Container Plain red top tube Preferred 1 ml Serum Process Allow specimen to clot at room temp for 1 hr. Spin and separate within 2 hrs. Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests	Qnt Immunoturbidimetry	Call Ref Lab		3 days
Complement C1Q	LAB7829	CIQCM	86160	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Spin and separate Transport: Send refrigerated **NOTE** Pt must be fasting	Nephelometry	Call Ref Lab		3 days
Comprehensive Epilepsy Panel	LAB9617	CMPEP	81302 81304 81404 81405 81406 81407 88271 x 10 88291 84311	Reference Lab	Container: EDTA Lavender Top Preferred: 3mls whole blood Process: Do not spin Transport: Send room temp overnight	Exon Array CGH, Next-gen sequencing	Call Ref Lab		10-12 weeks
Connexin 26 (GJB2) Sequencing	LAB9589	CNX26	81252	Reference Lab	Container: EDTA purple top tube Preferred: 3 mls whole blood Process: Do not spin Transport: Send refrigerated	Nucleic Acid Probe/Fluorescence Signal Amplification/PCR/Sequencing	Call Ref Lab		3 weeks
Copper, Liver Tissue	LAB2	CPLT	82525	Reference Lab	Container: Mayo metal free container Minimum: 2 mg fresh or frozen liver tissue Process: Tissue is from a 14-gauge needle biopsy at least 0.5 cm long. Transport: Send refrigerated Note: Paraffin block acceptable if not more than 1 or 2 cuts have been made to it for slides.	ICP-MS	Call Ref Lab		4 days
Copper, Serum	LAB817	CPSR	82525	Reference Lab	Container Royal blue no additive Preferred 2 ml serum Process Spin and separate within 2 hours. Transfer to metal free pour off tube Transport Send room temperature. **NOTE** Pis should be encouraged to discontinue nutritional supplements, vitamins, minerals and non-essential over the counter medications	Qnt Inductively Coupled Plasma Mass Spec	Call Ref Lab		4 days
Copper, Urine	LAB381	CPPRU	82525	Reference Lab	Container 24 hr urine jug-refrigerate during collection. Random acceptable. Preferred 8 mls urine Process Pour off into metal free tube Transport Send urine refrigerated. **NOTE** Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals and non-essential over-the-counter medications (upon the advice of their physician). Collection from patients receiving iodinated or gadolinium-based contrast media must be avoided for a minimum of 72 hours post-exposure. Collection from patients with impaired kidney function should be avoided for a minimum of 14 days post contrast medica exposure.	Quantitative Inductively Coupled Plasma-Mass Spectrometry	Call Ref Lab		6 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Coriander IgE	LAB095346	CORIA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Corn (food) IgE	LAB090609	CORN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cortisol	LAB61	CORT.	82533	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lithium Heparin Acceptable If testing will be delayed for more than eight hours, remove plasma or serum from the serum or plasma separator, red blood cells or clot Room Temp 8 hours Refrigerate (2-8°C) up to 14 days Freeze (-20°C) up to 30 days	Chemiluminescent Microparticle Immunoassay (CMIA)	AM: 7-25 mcg/dL PM: 2-14 mcg/dL	M -SU	4 HR
Cortisol Urine Free	LAB382	CRTFU	82530	Reference Lab	Container 24 hour or random urine (no preservative) Preferred 4 mls urine Process Refrigerate 24 hr specimens during collection Transport Send urine refrigerated	LC/MS	Call Ref Lab		6 days
Cortisol, Saliva	LAB9476	CRTSV	82533	Reference Lab	Container: Salivette collection device Preferred: Swab completely saturated with saliva Process: Follow directions included with device Transport: Send refrigerated **NOTE** Do not collect specimen within 60 minutes after eating a meal, within 12 hours after consuming alcohol, immediately after brushing teeth or after any activity that may cause gums to bleed. Rinse mouth thoroughly with water 10 minutes before specimen collection. Recommended collection time is between 11:00 p.m. - 1:00 a.m.		Call Ref Lab		5 days
Cotinine	LAB736	NIC	80323	Chemistry	Container Random urine container Preferred 10 mL of urine Minimum 5 mL of urine Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Room Temperature (20-25°C) up to 8 hours Refrigerate (2-8°C) up to 3 days Freeze (-20°C) for longer storage	One-Step Immunoassay	Negative	M - Su	4 HR
Cotton Fiber IgE	LAB095319	COFIB	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cotton Seed IgE	LAB095320	COSED	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cottonwood IgE	LAB090622	COWOD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cow Epithelium IgE	LAB095246	COWD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Coxsackie A	LAB7833	CXAAB	86658 x 6	Reference Lab	Container: SST tube Preferred: 2 mls serum Process: Spin and separate within 2 hrs Transport: Send refrigerated	Complement Fixation	Call Ref Lab		10 days
Coxsackie B	LAB7834	CXBAB	86658 x 6	Reference Lab	Container: SST tube or plain red top Preferred: 1 ml serum Process: Spin and separate serum within 2 hrs Transport: Send refrigerated	Semi-Quant Serum Neutralization	Call Ref Lab		10 days
C-Peptide	LAB521	CPPT	84681	Reference Lab	Container: SST Tube Preferred: 1 ml serum Process: Allow specimen to clot completely at room temp, spin and separate ASAP Transport: Send frozen **NOTE** Fasting patient preferred	Quant Chemiluminescent Immunoassay	Call Ref Lab		2 days
CPK (Creatine Kinase) (CK) (CPK)	LAB62	CK 12200	82550	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature(20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	NAC (N-acetyl-L-cysteine)	0 - 225 U/L	M - SU	4 HR

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Crab IgE	LAB090615	CRAB	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cranberry IgE	LAB0700130	CRAN	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Crayfish IgE	LAB0700131	CRAY	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
C-Reactive Protein	LAB149	C.RP 34140	86140	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 15 days Refrigerate (2-8°C) up to 2 months Freeze (-20°C) up to 3 years	Turbidimetric / Immunoturbidimetric	0 - 3.2 mg/L	M - SU	4 HR
C-Reactive Protein, High Sensitivity	LAB7835	CRPH	86141	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 15 days Refrigerate (2-8°C) up to 2 months Freeze (-20°C) up to 3 years	Turbidimetric / Immunoturbidimetric	See Report	M - Su	4 HR
Creatinine	LAB383	CREA 10300	82565	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months	Kinetic Alkaline Picrate	See Report	M - SU	4 HR
Creatinine - Body Fluid	LAB65	CRE.F 14940	82570	Chemistry	Container: Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months	Kinetic Alkaline Picrate	No Reference Range Available	M - SU	4 HR
Creatinine - Clearance	LAB1765	CCLR 11510	82575	Chemistry	Container: 24 hour Urine Container / One Li Heparin Tube (Green Top) Preferred: 10 mL aliquot from well mixed 24 hr collection - 2 mL plasma Minimum: 5 mL aliquot from well mixed 24 hr collection - 1 mL plasma Process: Preservative - None Centrifuge plasma and urine Collect blood when patient returns urine collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Acceptable Urine Preservative: Boric acid or Hydrochloric acid Room temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 6 days Freeze (-20°C) up to 6 months Li Heparin or serum collected 24-hrs before, during or 24-hrs after urine collection may be used for blood test requirement. Plasma or serum specimens collected outside this 72-hr window will need to be approved for testing by the ordering physician.	Kinetic Alkaline Picrate	Male 70 - 140 mL/min Female 70 - 130 mL/min	M - SU	4 HR
Creatinine - Urine (24 Hr)	LAB385	UCREA 14931	82570	Chemistry	Container: 24 hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Preservative - None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Acceptable Preservative - HCL, Boric Acid Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 6 days Freeze (-20°C) up to 6 months	Kinetic Alkaline Picrate	Male 1.0 - 2.0 gm/Vol Female 0.8 - 1.8 gm/Vol	M - SU	4 HR

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Creatinine - Urine (Random)	LAB384	UCRR 14932	82570	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Preservative -None Acceptable Preservative: HCL, Boric Acid Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 6 days Freeze (-20°C) up to 6 months	Kinetic Alkaline Pictate	No Reference Range Available	M - SU	4 HR
Cryofibrinogen	LAB569	CRYOG	82585	Immunology	Container: 2 Red Top and 2 Sodium Citrate (Blue) tubes Preferred: 2 ml Serum and 2 ml Plasma Minimum: 1 ml Serum and 1 ml Plasma Process: Specimen must be at 37°C from draw to lab. Then centrifuge and remove from cells. Storage: Refrigerate once removed from cells Transport: Refrigerate once removed from cells **NOTE** Sample must remain at 37C until clotted. Once clotted, centrifuge and remove serum and plasma from cells	Precipitation	Not present	M-Su	3-4 days
Cryoglobulins	LAB713	CRYO	82595	Immunology	Container: 2 Red Top tubes Preferred: 2 ml Serum Minimum: 1 ml Serum Process: Specimen must be at 37°C from draw to lab. Centrifuge and remove from cells Storage: Refrigerate once removed from cells Transport: Refrigerate once removed from cells **NOTE** Sample must remain at 37C until clotted. Once clotted, centrifuge and remove serum from cells.	Precipitation	Negative	M-Su	3-4 days
Cryptococcal Ag - CSF	LAB927	CACSF	86403 CRIT 86406	Immunology	Container: CSF tubes Preferred: 1 ml CSF Minimum: 0.5 ml CSF Storage: Refrigerate (2-8°C) Transport: Refrigerate	Lateral Flow Assay	Negative	M-Su	1 day
Cryptococcal Ag - Serum	LAB779	CRYPT	86403 CRIT 86406	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	Lateral Flow Assay	Negative	M - SU	1 day
Cryptococcus Ab	LAB1210	CRPAB	86403	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Send serum refrigerated		Call Ref Lab		7 days
CSF Cell Count and Differential	LAB212	CSFCC	89051	Hematology	Container: Sterile, leak-proof tubes with #1 being used for chemistry and immunological studies, tube #2 for microbiology, and tube #3 for hematology. Tubes MUST be labeled with 1, 2, 3. If any deviation from this is requested by the physician, clear instruction of what is requested must be on the tubes and order. Preferred: 2 mL fluid Minimum: 1.0 mL fluid Process: Deliver to specimen processing area. Storage: Room Temperature **NOTE** Transport Room Temperature; DO NOT FREEZE and DO NOT SEND THROUGH TUBE STATION.	Cell Counter Automated with Fluorescent Stain Hemacytometer	Total Nucleated Cell Neonates 0-20/uL Adults 0=5/uL	Daily, 24 hrs	1 hour
CSF Culture	LAB268	CSFCU	87070	Microbiology	Specimen should be divided into 4 sterile leak proof tubes. Tube 2 for infectious disease and microbiology studies; Transport: <u>DO NOT TUBE CSF SPECIMENS</u> Send to the laboratory in ambient temperature within 15 minutes. If longer than 15 minutes, store at ambient temperature for up to 24 hours. <u>Do not refrigerate.</u>	Bacterial culture	No organisms isolated.	M - SU	72 hrs
CU Index	LAB9800	CUIND	86352 86376 86800 84443	Reference Lab	Container: SST tube Preferred: 2 mls serum Process: Allow to clot completely prior to centrifugation. Spin and separate within 2 hrs Transport: Send serum frozen **NOTE** Pts taking calcineurin inhibitors should stop 72 hrs prior to draw. Pts taking prednisone should stop 2 weeks prior to draw	Quant Enzyme Immunoassay	Call Ref Lab		7 days
Cucumber IgE	LAB0700132	CUKE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cultivated Oat IgE	LAB090605	CULO	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cultivated Wheat IgE	LAB095302	CULW	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Curry IgE	LAB095347	CURRY	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Curvularia Lunate IgE	LAB090601	CURVL	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cutaneous Immunofluorescence Abs IgG	LAB7840	CUTIM	88246 88350	Reference Lab	Container: 1 SST tube Preferred: 2 mls serum Minimum: 0.5 mls serum Process: Spin and separate.Forward promptly. Transport: Send refrigerated	Indirect Immunofluorescence	Call Ref Lab		7 days
Cyclic Citrullinated Peptide IgG Antibody	LAB851	CCPG	86200	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	<20 Units	Batched at least 2x weekly	1-3 days
Cyclosporine	LAB874	CYCLO LAB874	80158	Chemistry	Container: 1 EDTA (Lavender top) tube Preferred: 2 mL EDTA whole blood Minimum: 1 mL EDTA whole blood Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Refrigerate (2-8°C) up to 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	160 - 480 ng/ml	M - SU	24 HR
Cyclosporine - 2 Hr Post Dose	LAB7841	CYCL2 LAB7841	80158	Chemistry	Container: 1 EDTA (Lavender top) tube Preferred: 2 mL EDTA whole blood Minimum: 1 mL EDTA whole blood Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Refrigerate (2-8°C) up to 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	24 HR
Cypress, Bald IgE	LAB095357	BCYPR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Cystatin C	LAB0850156	CYSTN	82610	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Allow specimen to clot completely at room temperature. Spin and separate within 2 hrs. Transport: Send serum refrigerated **NOTE** No gross hemolysis	Qnt Nephelometry	Call Ref Lab		2 days
Cysticercosis Ab IgG	LAB1236	CYS.G	86682	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Spin and separate Transport: Send refrigerated	Enzyme-Linked Immunosorbent Assay	Call Ref Lab		8 days
Cystine Qnt	LAB387	CYTQN	82131	Reference Lab	Container: 24 hr urine jug Preferred: 4 mls urine Process: Refrigerate urine during collection Transport: Send urine frozen **NOTE** Separate specimens must be sent for multiple tests	LC.MS	Call Ref Lab		8 days
Cytomegalovirus (Blood)	LAB7821	CMVB	87496	Molecular	1 ml EDTA plasma Freeze spimen within 30 minutes at -20°C	Real Time PCR	Negative	Batched M - F	3 days, 24 hours TAT for STAT is required
Cytomegalovirus (Urine)	LAB7824	CMVU	87496	Molecular	1 ml minimum requirement Freeze at -20°C	Real Time PCR	Negative	Batched M - F	3 days, 24 hours TAT for STAT is required
Cytomegalovirus (CMV) (Other)	LAB7823	CMVO	87496 x 1	Molecular	Swab in M4 Viral Transport Media Stool in sterile container or in M4 Viral Transport Media Bronch Lavage/Bronch Wash *Store at 2-8°C (Refrigerate)	Real Time PCR	Negative	Batched M - F	1-3 days
Cytoplasmic Neutrophil (ANCA)	LAB458	ANCA	86255 ANCT1 86256	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Includes C-ANCA and P-ANCA	IFA	Negative	M-F	1-3 days
Cytoplasmic Neutrophil (ANCA) with Reflex to MPO and PR3 if Positive	LAB25001	ANCAR	86255 ANCT1 86256 MPO/PR3 83516 x2	Immunology	Container: 1 SST tube or 1 Red top Preferred: 1 mL Serum Minimum: 0.5 mL Serum Process: Centrifuge Storage: Refrigerate Transport: Refrigerate **NOTE** If possible, will reflex MPO and PR3	IFA and Multiplex Immunoassay	Negative	M - F	1 - 3 days
Dandelion IgE	LAB0700134	DANDY	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Date IgE	LAB095287	DATEE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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D-Dimer	LAB313	DDISC 65018	85378	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Latex Enhanced Immunoassay	< 0.5 mg/ml	M - SU	10 days
Demntia Autoimmune Eval Serum	LAB0700022	DEMES	83519 x 5 86256 x 8 86255 x 3 86341	Reference Lab	Container SST Tube Preferred 4 mls serum Process Spin and separate Transport Send serum refrigerated	IFA, RIA	Call Ref Lab		10 days
Demntia Autoimmune Eval CSF	LAB0700019	DEMEC	83519 86256 x 8 86255 x 3 86341	Reference Lab	Container Sterile container Preferred 4 mls CSF Transport Send CSF refrigerated	IFA, RIA	Call Ref Lab		10 days
Dengue Fever Virus Abs	LAB9841	DENF	86790 x2	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hours Transport Send serum refrigerated	Semi-Qnt ELISA	Call Ref Lab		6 days
Dermatophagoides Microceras IgE	LAB0700136	DMIC	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Dermatophyte Culture	LAB7847	DERM	87101	Microbiology	Hair Clean affected area with 70% alcohol on gauze (not cotton). With forceps, collect at least 3-5 affected hairs with the shaft bases intact. Select the hairs that fluoresce under a Woods Lamp. Collect scalp scales (if present) along with scrapings of active borders of lesions. Skin Clean affected area with 70% alcohol on gauze (not cotton). Gently scrape surface of skin at active margin of lesion. Do not draw blood. Collect enough scrapings to cover the head of a thumbtack. Nails Clean affected area with 70% alcohol on gauze (not cotton). Remove nail polish if present. Clip away generous portion of the affected area & collect material or debris from under the nail. Transport Send to the laboratory at room ambient temperature within 72 hours of collection. Keep specimen dry. <u>Do not refrigerate.</u>	Fungal culture	No fungus isolated.	M - SU	3 wks
Desipramine	LAB682	DESPR	80335	Reference Lab	Container Plain red top Preferred 1 mls serum Process Spin and separate within 2 hrs. Transport Send serum refrigerated **NOTE** Draw immediately before next dose (minimum of 12 hrs after last dose)	LC/MS/MS	Call Ref Lab		4 days
Desmoglein 1 and 3	LAB7848	DESMG	83516 X 2	Reference Lab	Container: SST tube Preferred: 1 ml serum Minimum: .5 ml serum Process: Spin and separate Transport: Send serum refrigerated	ELISA	Call Ref Lab		10 days
Dexamethasone	LAB7849	LC541	80299	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate within 2 hour Transport Send refrigerated **NOTE** Specimen should be collected between 8 - 10 a.m.	LC/MS/MS	Call Ref Lab		7 days
DHEA - Sulfate	LAB524	DHEA. 73610	82627	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum Only Refrigerate (2-8°C) up to 8 days Freeze (-20°C) up to 2 months	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - Su	4 HR
DHEA Serum	LAB522	DHEAM	82626	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.35 mls serum Process Spin and separate within 2 hrs Transport Send refrigerated **NOTE** Collect between 6-10 am	LC-MS/MS	Call Ref Lab		5 days
Dibucaine	LAB7853	DIBUC	82480 82638	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.25 ml serum Process Allow specimen to clot completely at room temp. Spin and separate within 2 hrs Transport Send refrigerated **NOTE** Specimen must be drawn prior to surgery or more than 7 days following surgery. Do not draw in recovery room.	Qnt Enzymatic	Call Ref Lab		6 days
DIC Screen	LAB7854	DICP	85610 85730 85384 85670 85049	Hematology	Container 1-sodium citrate (blue top) tube; fill tube to FILL LINE mark 1-EDTA (lavender top) tube; tube must be more than 1/2 full for accurate results Minimum blue top - 1 mL plasma or 1.2 mL blue top tube lavender top - micro-container; 0.5 mL whole blood Process blue top - centrifuge specimen ASAP, remove plasma and freeze in plastic tubes for transport lavender top - none Storage: blue top - good for 4 hours RT lavender top - room temperature if testing is to be performed within 4 hours, otherwise refrigerate Transport blue top - frozen plasma lavender top - keep cool	See Individual Assays	See individual test	M - SU	4 HR

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Digoxin	LAB23	DIG	80162	Chemistry	Container: 1 Lithium heparin (green top) tube Preferred: 2 mL Lithium heparin Minimum: 1 mL Lithium heparin Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate (2-8°C) **NOTE** Serum acceptable Refrigerate (2-8 °C) up to 48 hours Freeze (-20 °C) up to 7 days	Particle-Enhanced turbidimetric inhibition immunoassay (PETNIA)	08 - 2.4 ng/mL	M - Su	4 HR
Dihydrotestosterone	LAB977	DHT	82642	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.6 ml serum Process: Spin and separate within 2 hrs Transport: Send frozen	LC-MS/MS	Call Ref Lab		5 days
Dill IgE	LAB095253	DILL	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Diphtheria Ab IgG	LAB7855	DIPH	86317	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate with 2 hrs Transport: Send serum refrigerated	Qnt Multiplex Bead Assay	Call Ref Lab		3 days
Direct Coombs (DAT)	LAB274	DAT	86880	Transfusion Service Blood Bank	Container: 6ml EDTA pink top Minimum: 3ml EDTA purple top Storage: RT	Hemagglutination	NA		5 days
Disaccharidases	LAB7856	DISAC	82103	Reference Lab	Container: Sterile container Preferred: Small bowel biopsy Transport: Send frozen		Call Ref Lab		2 weeks
Diuretic Screen Urine	LAB8255	DIURU	80307	Reference Lab	Container: Random urine container Preferred: 10 mls urine Transport: Send urine refrigerated	Qualitative High Performance Liquid Chromatography/ Ultraviolet Detection	Call Ref Lab		2 weeks
D-Lactate	LAB7857	DLAC	83605	Reference Lab	Container: 1 potassium oxalate/sodium fluoride grey top tube Preferred: 1 ml plasma Minimum: 0.55 ml plasma Process: Spin and separate immediately Transport: Send frozen	Enzymatic	Call Ref Lab		5 days
DNA DISH for HER 2/NEU amplification to aid in evaluation of treatment options in breast cancer patients.	LAB8326	G-HER2	88271 x2 88273 x1 88291 x1	Cytogenetics	2 slides with 4 micron section from block.	Sections are deparaffinized and hybridized with the HER2 (ERBB2) and a 17 centromere probes. The number of signals are scored for each probe.	No amplification of the ERBB2 gene	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH ALL panel to detect common abnormalities that occur in ALL for diagnosis and/or prognosis.	LAB7949	G-ALL PANEL	88271 x14 88275 x7 88291 x1	Cytogenetics	3-5 mLs of bone marrow drawn in a heparinized syringe and transferred to a sodium heparin (green top) tube for hematologic abnormalities. Room temp. A cell pellet from a recent cytogenetic study can be used, if available, for an add on request. If an add on test is desired, please call the lab (254-215-9048) to check for available pellet. A blood sample may be used for hematologic malignancies if it contains 10-20% blasts.	Specific DNA probes applied to cells on slides. Two hundred nuclei per probe are observed for signals.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH AML/MDS panel to detect common abnormalities that occur in AML/MDS for diagnosis and/or prognosis.	LAB7947	G-AML/MDS PANEL	88271 x24 88275 x12 88291 x1	Cytogenetics	3-5 mLs of bone marrow drawn in a heparinized syringe and transferred to a sodium heparin (green top) tube for hematologic abnormalities. Room temp. A cell pellet from a recent cytogenetic study can be used, if available, for an add on request. If an add on test is desired, please call the lab to check for available pellet. A blood sample may be used for hematologic malignancies if it contains 10-20% blasts.	Specific DNA probes applied to cells on slides. Two hundred nuclei per probe are observed for signals.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH CLL Panel to detect common abnormalities that occur in CLL for diagnosis and/or prognosis.	LAB7937	G-CLL PANEL	88271 x12 88275 x6 88291 x1	Cytogenetics	3-5 mLs blood drawn in a sodium heparin (green top) tube. Bone marrow is acceptable but not preferred. Room temp.	Specific DNA probes applied to cells on slides. Two hundred nuclei per probe are observed for signals.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH for Follicular Lymphoma.	PATHOLOGIST ORDER ONLY	LC541	88271 x2 88275 x2 88291 x1	Cytogenetics	2 slides with 3 micron section from the block	DNA Fluorescence In Situ Hybridization (FISH)	Negative for translocation (14;18)	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH for Mantle Cell Lymphoma.	PATHOLOGIST ORDER ONLY	G-200 NUC	88271 x2 88275 x2 88291 x1	Cytogenetics	2 slides with 3 micron section from the block	DNA Fluorescence In Situ Hybridization (FISH)	Negative for translocation (11;14)	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH for translocations or deletions in congenital or hematologic malignancies.	LAB7861	G-200 NUC	88271 x2 88275 x2 88291 x1	Cytogenetics	3-5 mLs of blood in a sodium heparin (green top) tube for congenital abnormalities or 3-5 mLs of bone marrow drawn in a heparinized syringe and transferred to a Na Hep tube for hematologic abnormalities. Room temp. A cell pellet from a recent cytogenetic study can be used, if available, for an add on request. If an add on test is desired, please call the lab (254-215-9048) to check for available pellet. A blood sample may be used for hematologic malignancies if it contains 10-20% blasts.	Specific DNA probe applied to cells on slide. Two hundred nuclei per probe are observed for signals.	No evidence of abnormality	M - Su	2-3 days If faster turn around needed call lab at 254-215-9048
DNA FISH Lymphoma panel to detect common abnormalities that occur in lymphoma for diagnosis and/or prognosis.	LAB7951	G-LYMPHOMA	88271 12 88275 x6 88291 x1	Cytogenetics	3-5 mLs of bone marrow drawn in a heparinized syringe and transferred to a sodium heparin (green top) tube for hematologic abnormalities. Room temp. A cell pellet from a recent cytogenetic study can be used, if available, for an add on request. If an add on test is desired, please call the lab (254-215-9048) to check for available pellet. A blood sample may be used for hematologic malignancies if it contains 10-20% blasts.	Specific DNA probes applied to cells on slides. Two hundred nuclei per probe are observed for signals.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH microdeletion probes for identification of microdeletion/duplication syndromes (i.e. DiGeorge, Williams, Smith Magenis, etc.).	LAB8328	G-MICRO DEL P	88271 x2 88273 x2 88291 x1	Cytogenetics	3-5 mLs of blood in sodium heparin (green top) tube. Room temp. A cell pellet from a recent routine cytogenetics study may be used if available. Please call the lab (254-215-9048) to check for available pellet.	DNA unique sequence probes specific for the microdeletion suspected applied to cells on slide. Ten metaphases and 50 nuclei examined for abnormality.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH Multiple Myeloma panel to detect common abnormalities that occur in multiple myeloma for diagnosis and/or prognosis.	LAB7952	G-MM	88271 x12 88275 x6 88291 x1 88112 x1	Cytogenetics	3-5 mLs of bone marrow drawn in a heparinized syringe and transferred to a sodium heparin (green top) tube for hematologic abnormalities. Room temp. A cell pellet from a recent cytogenetic study can be used, if available, for an add on request. If an add on test is desired, please call the lab (254-215-9048) to check for available pellet. A blood sample may be used for hematologic malignancies if it contains 10-20% blasts.	Specific DNA probes applied to cells on slides. Two hundred nuclei per probe are observed for signals.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048

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DNA FISH Prader Willi/Angelman evaluates the common deletions and duplications that may occur in PW/AS.	LAB8332	G-PW	88271 x2 88273 x1 88291 x1	Cytogenetics	3-5 mLs of blood in sodium heparin (green top) tube. Room temp. A cell pellet from a recent routine cytogenetics study may be used if available. Please call the lab (254-215-9048) to check for available pellet.	DNA unique sequence probes specific for the microdeletion observed in Prader-Willi/Angelman syndrome are applied to cells on slide. Ten metaphases and 50 nuclei are examined.	No evidence of abnormality	M - Su	1-2 weeks If faster turn around needed call lab at 254-215-9048
DNA FISH UroVysion for bladder cancer (aneusomy of 3, 7, 17 and deletion of 9p) for diagnosis or monitoring recurrence of bladder cancer.	LAB7861	G-URO	88271 x4 88120 x1 88291 x1	Cytogenetics	10-20 mLs urine in a container with 5 mLs of Carbowax. Room temp. Containers with Carbowax are available from the Cytogenetics lab. Call 254-215-9048 to request containers.	Cells are placed on a slide with probes for 3,7,9 and 17, scored for gains or losses of signals and classified as normal or abnormal according to instructions included in the FDA approved kit.	Normal signal pattern for 3, 7, 17, 9p	M - Su	5 days
D-nase B Ab	LAB220	D.NAS	86215	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	Nephelometry	Call Ref Lab		5 days
Dog Epithelium IgE	LAB090578	DOG D	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Donor Blood HLA Crossmatch	LAB7892	TXDON		HLA	40-60 mL of anticoagulated blood, ACD-A (yellow top) tubes. Do not refrigerate. Do not spin. Keep at room temperature. Recipient must be identified on order to correctly charge testing.	Flow Cytometry or Microcytotoxicity	See report	M-F by noon	6 days
Doxepin	LAB146	DOXEP	80335	Reference Lab	Container 1 plain red top tube Preferred 1 mL serum Minimum 0.5 mL serum Process Spin and separate within 2 hrs Transport Send refrigerated **NOTE** Pre-dose (trough) draw. No SST tubes	Qnt Liquid Chromatography Tandem Mass Spec	Call Ref Lab		8 days
Drug Screen Meconium	LAB479	MECDP	80307	Reference Lab	Container Sterile container Preferred All meconium available-4g preferred Transport Send at room temperature	ELISA/GCMS	Call Ref Lab		5 days
Drug Screen Serum	LAB75000717	SRDRG	80307	Reference Lab	Container Plain red top tube Preferred 10 ml serum (5 mls minimum) Process Spin and separate Transport Send serum frozen **NOTE** No SST tubes, serum cannot be room temp or refrigerated	Chromatography/Mass Spec/IA	Call Ref Lab		10 days
Drug Screen -Urine (Basic Medical) Includes: Amphetamine, Barbiturate, Benzodiazepine, Cocaine, Opiate, Phencyclidine, T-H-Cannabinol, Ecstasy	LAB7894	DRUGS 14993	80307	Chemistry	Container: Random Urine Container Preferred: 20 mL of urine Minimum: 10 mL of urine Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze(-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 HR
Duck Feathers IgE	LAB095268	DUCK	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ear Culture	LAB942	EAR	87070	Microbiology	Inner Ear: Collect fluid in sterile container or Eswab Transport: Send to the laboratory at ambient temperature within 2 hours. If longer than 2 hours, store at ambient temperature up to 24 hours. Outer Ear: Collect in Eswab Transport: Send to the laboratory at ambient temperature within 2 hours. If longer than 2 hours, store at refrigerated temperature (2-8°C) up to 24 hours.	Bacterial culture	No organisms isolated.	M - SU	48 hrs
Eatern Sycamore IgE	LAB090761	SYCAM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
EBV - Early Antigen Antibody	LAB7899	EBVE1	86663	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-F	1-3 days
EBV - Nuclear Antigen Antibody	LAB7900	EBNA1	86664	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-F	1-3 days
EBV-Profile	LAB7901	LC541	86663 86664 86665 x2	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Includes EBVM1, EBVG1, EBVE1 and EBNA1	Multiplex Immunoassay	Negative	M-F	1-3 days

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EBV-Viral Capsid IgG Antibody	LAB7902	EBVG1	86665	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-F	1-3 days
EBV-Viral Capsid IgM Antibody	LAB7903	EBVM1	86665	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-F	1-3 days
Echinococcus IgG Ab	LAB1234	ECHG	86682	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Semi-Quant Enzyme-Linked Immunosorbent Assay	Call Ref Lab		6 days
Ecstasy	LAB99245	EXTC	80359	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - F	4 HR
Ecstasy by LC/MS (U)	LAB99245	MDADC	G0480	Chemistry	Container Random Urine Container Preferred 3 mL of urine Minimum 3 mL of urine Transport Send refrigerate Storage Room temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-15°C to -30°C) 30 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
EGFR Mutation Detection	LAB7904		81235 G0452	Molecular	Specimen: Formalin-fixed paraffin embedded tissue block Container: Sterile container Minimum: Need adequate tumor specimen in block Storage: Room temperature Transport: Ambient	Pyrosequencing	Negative	Batched M - F	5-7 days
Egg White IgE	LAB090579	EGGWH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Egg Yolk IgE	LAB090653	EGGY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Egg, Whole IgE	LAB0700143	EGG	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Eggplant IgE	LAB0700145	EGGPL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ehrlichia Abs	LAB794	E.CHA	86666 X 2	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.4 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	IFA	Call Ref Lab		6 days
Elder IgE	LAB0700202	ELDER	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Electrolyte Group Includes: Sodium, Potassium, Chloride, CO2	LAB16	EGR 10210	80051	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 7 days Freeze (-20°C) if not done within 7 days	Cl, K, Na Ion-selective electrode CO2 PEP Carboxylase	See Report	M - SU	4 HR
Electrolytes Fecal	LAB388	EG.FE	84999 84302 82438	Reference Lab	Container Sterile container Preferred 5 g liquid stool Minimum 1 g liquid stool Transport Send refrigerated **NOTE** Stool must be liquid. Do not add saline or water	Ion-Selective Electrode	Call Ref Lab		3 days
Electron Microscopy				Electron Microscopy	Fixative: Glutaraldehyde Media and instructions available @ 254-724-3697	-	-	M - F	1 - 3 days
Elm IgE	LAB090623	ELM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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ENA Antibodies	LAB7723	ENAB	86235 x2	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Includes Sm and RNP	Multiplex Immunoassay	Negative	M-F	1-3 days
Encephalopathy Autoimmune Eval CSF	LAB070021	ENCEC	83519 86256 x 9 86255 x 3 86341	Reference Lab	Container Sterile container Preferred 4 mls CSF Transport Send CSF refrigerated	IFA, RIA	Call Ref Lab		10 days
Encephalopathy Autoimmune Eval Serum	LAB070023	ENCES	83519 x 5 86256 x 9 86255 x 3 86341	Reference Lab	Container SST tube Preferred 4 mls serum Process Spin and separate Transport Send serum refrigerated	IFA, RIA	Call Ref Lab		10 days
Endocrine Auto Abs	LAB7907	ENAAB	88347	Reference Lab	Container 1 SST tube Preferred 2 mls serum Process Spin and separate Transport Send serum frozen		Call Ref Lab		14 days
Endomysial IgA Antibodies	LAB7908	EMAAB	86255	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M - F	1 - 3 days
English Plantain IgE	LAB090628	ENGPT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Entamoeba Histolytica	LAB1313	E.HIS	86753	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	ELISA	Call Ref Lab		6 days
Enterovirus Ab Panel	LAB862	ENTPN	86658 x 14	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate within 2 hours Transport Send refrigerated	Serum Neutralization / Complement Fixation	Call Ref Lab		10 days
Enterovirus PCR (Other)	LAB9552	EVPCR	87498 x 1	Molecular	Specimen Stool or rectal swab Container Sterile container, Copan Swab Storage Refrigerate Transport Keep cool	Real Time PCR	Negative	Batched M - F	24 HR
Eosinophil Smear	LAB328	EOSSM	89190	Hematology	Specimen: Eosinophil smear may be performed on nasal mucous or urine. Container: Collect specimen in a sterile container. Transport: Urine can be kept at ambient or refrigerated (2-8°C) up to 48 hours.	Diff-Quick	No eosinophils seen	M - SU	8 hrs
Epicoccum Purpurascens IgE	LAB0700148	EPURP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Epilepsy Autoimmune Eval CSF	LAB0700020	EPIEC	83519 86256 x 8 86255 x 3 86341	Reference Lab	Container Sterile container Preferred 4 mls CSF Transport Send CSF refrigerated	IFA/RIA	Call Ref Lab		10 days
Epilepsy Autoimmune Eval Serum	LAB0700024	EPIES	83519 x 5 86256 x 8 86255 x 3 86341	Reference Lab	Container SST tube Preferred 4 mls serum Process Spin and separate Transport Send serum refrigerated	IFA, RIA	Call Ref Lab		10 days
Epithelia Panel #1 IgE Cat Epith, Cow Epith, Dog Dander, Horse Epith	LAB095368	SKIN1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Epstein Barr Virus (EBV) PCR (Blood)	LAB7897	EBVB	83891 x 1 87798 x 1	Molecular	3 mls of EDTA blood (purple-top) 1 ml minimum requirement *Store at 2-8° C (Refrigerate)	Real Time PCR	Negative	Batched M - F	1-3 days
Epstein Barr Virus (EBV) PCR (CSF)	LAB7898	EBVP	83891 x 1 87798 x 1	Molecular	1 ml CSF 0.5 ml minimum requirement *Freeze specimen within 6 hours at -20°C; however, if blood is present refrigerate at 2-8°C	Real Time PCR	Negative	Batched M - F	24 HR
Erythrocyte Porphrin Whole Blood	LAB8180	EPWB	84202	Reference Lab	Container Royal blue with EDTA Preferred 1 mL whole blood Process Protect from light during collection storage and transport Transport Send whole blood refrigerated	Flurometry	Call Ref Lab		5 days
Erythropoietin	LAB873	EPOI	82668	Reference Lab	Container SST tube Preferred 1 ml serum Process Allow serum to clot completely at room temp. Spin and separate within 2 hrs Transport Send serum refrigerated	Qnt Chemiluminescent Immunoassay	Call Ref Lab		2 days
Estradiol	LAB523	ESTR	82670	Chemistry	Container 1 SST tube Preferred 2 ml serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lithium Heparin Acceptable Refrigerate (2-8°C) up to 7 days Freeze (-20°C) if not done within 7 days If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells and store at 2-8°C	Chemiluminescent Microparticles Immunoassay (CMIA)	See Report	M - SU	4 HR

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Estrogens Fractionated by Tandem MS	LAB980	ESTFR	82671	Reference Lab	Container SST tube Preferred 0.5 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Qnt HPLC/Tandem MS	Call Ref Lab		6 days
Estrone	LAB9658	ESTMS	82679	Reference Lab	Container SST tube Preferred 0.5 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	HPLC/MS	Call Ref Lab		6 days
Ethanol, Urine, Qualitative, Medical	LAB389	ETOHU	80307	Reference Lab	Container Random urine container Preferred 10 mls fresh random urine Process Mix specimen well Transport Send urine refrigerated	Qnt Enzymatic	Call Ref Lab		5 days
Ethyl Glucuronide/Sulfate Urine Qnt	LAB3330048	EGLSL	80321	Reference Lab	Container Random urine Preferred 4 mls Transport Send refrigerated	LC/MS	Call Ref Lab		7 days
Ethylene Glycol	LAB714	ETHGL	82693	Reference Lab	Container Plain red top tube Preferred 1 mls serum Process Spin and separate within 2 hrs Transport Send refrigerated **NOTE** No SST tubes	Qnt Enzymatic	Call Ref Lab		5 days
Ethylene Oxide IgE	LAB095321	ETHOX	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Eucalyptus (Gum Tree) IgE	LAB0700149	EUCAL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Euroglyphus Maynei IgE	LAB095285	EMAY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
European Hornet Venom IgE	LAB095305	EHORN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Everolimus	LAB9759	EVERO	80169	Reference Lab	Container: EDTA lavender top Preferred: 1 ml whole blood Process: Do not spin Transport: Send whole blood refrigerated **NOTE** Pre-dose (trough) levels should be drawn	Quant-LC-TMS	Call Ref Lab		2 days
Eye Culture	LAB943	EYECU	87070	Microbiology	Conjunctiva: Direct culture inoculation by Ophthalmologist to a BAP and CHOC agar. Eswab may also used and sent to the laboratory to be plated to a blood and chocolate agar. Corneal Scrapings: Direct culture inoculation by Ophthalmologist to BLD, CHOC, and SABHI Vitreous/aqueous fluid aspirates: Collect needle aspiration in sterile container. Transport Send to the laboratory at ambient temperature within 15 minutes. If longer than 15 minutes, store at ambient temperature up to 24 hours.	Bacterial culture	No organisms isolated.	M - SU	72 hrs
Factor II, Activity	LAB303	FIH	85210	Reference Lab	Container 1 sodium citrate (light blue top) tube; fill between min and max fill line. Preferred 2 mL platelet poor plasma Minimum 1.0 mL platelet poor plasma Process Centrifuge specimen ASAP, remove plasma, re-centrifuge plasma, transfer aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot tubes for coagulation orders. No sharing of aliquots. Storage Freeze plasma (Do not use a frost free freezer!) Transport: Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Clot Detection	Call Ref Lab, Age Dependent		4 days
Factor II/Allele 20210A (PCR)	LAB7917	FIHM	81240 G0452	Molecular	3 mls of EDTA blood (purple top) 1 ml minimum requirement Store at 2-8° C (Refrigerate)	Real Time PCR	Normal Wild Type	Batched M - F	3-5 days
Factor IX	LAB308	FIX	85250	Coagulation	Container 1 sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	50 - 150 %	M - F (batch)	4 HR
Factor IX Inhibitor Assay	LAB7916	F9INH	85335	Coagulation	Container 2- sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 4 mL plasma Minimum 1 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport: Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	0 Bethesda units	M - F (batch)	4 days

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Factor V, Activity	LAB304	FV	85220	Reference Lab	<p>Container 1 sodium citrate (light blue top) tube; fill between min and max fill line.</p> <p>Preferred 2 mL platelet poor plasma</p> <p>Minimum 1.0 mL platelet poor plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma, re-centrifuge plasma transfer aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots.</p> <p>Storage Freeze plasma (Do not use a frost free freezer!)</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping.</p> <p>**NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"</p>	Clot Detection	Call Ref Lab Age Dependent		4 days
Factor V/Liden Mutation (PCR)	LAB346	FVM	81241 G0452	Molecular	<p>3 mls of EDTA blood (purple top)</p> <p>1 ml minimum requirement</p> <p>Store at 2-8° C (Refrigerate)</p>	Real Time PCR	Normal Wild Type	Batched M - F	3-5 days
Factor VII	LAB305	FVII	85230	Reference Lab	<p>Container 1 sodium citrate (light blue top) tube; fill between min and max fill line.</p> <p>Preferred 2 mL platelet poor plasma</p> <p>Minimum 1.0 mL platelet poor plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots.</p> <p>Storage Freeze plasma (Do not use a frost free freezer!)</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping.</p> <p>**NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"</p>	Clot Detection	Call Ref lab Age Dependent		4 days
Factor VIII	LAB306	FVIII	85240 x2	Coagulation	<p>Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK.</p> <p>Preferred 2 mL plasma</p> <p>Minimum 0.5 mL plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes</p> <p>Storage Freeze plasma</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.</p>	Optical Clot Detection	50 - 150%	M - F (batch)	4 HR
Factor VIII Inhibitor Assay	LAB7918	F8INH	83903 x 2	Coagulation	<p>Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK.</p> <p>Preferred 2 mL plasma</p> <p>Minimum 1.0 mL plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes</p> <p>Storage Freeze plasma</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.</p>	Optical Clot Detection	0 Bethesda units	M - F (batch)	4 days
Factor X, Activity	LAB758	FX	85260	Reference Lab	<p>Container 1 sodium citrate (light blue top) tube; fill between min and max fill line.</p> <p>Preferred 2 mL platelet poor plasma</p> <p>Minimum 1.0 mL platelet poor plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots.</p> <p>Storage Freeze plasma (Do not use a frost free freezer!)</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping.</p> <p>**NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"</p>	Clot Detection	Call Ref lab Age Dependent		4 days
Factor XI, Activity	LAB309	FXI	85270	Reference Lab	<p>Container 1 sodium citrate (light blue top) tube; fill between min and max fill line.</p> <p>Preferred 2 mL platelet poor plasma</p> <p>Minimum 1.0 mL platelet poor plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots.</p> <p>Storage Freeze plasma (Do not use a frost free freezer!)</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping.</p> <p>**NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"</p>	Clot Detection	Call Ref lab Age Dependent		4 days
Factor XII, Activity	LAB310	FXII	85280	Reference Lab	<p>Container 1 sodium citrate (light blue top) tube; fill between min and max fill line.</p> <p>Preferred 2 mL platelet poor plasma</p> <p>Minimum 1.0 mL platelet poor plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots.</p> <p>Storage Freeze plasma (Do not use a frost free freezer!)</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping.</p> <p>**NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"</p>	Clot Detection	Call Ref lab Age Dependent		4 days
Factor XIII Screen	LAB7920	F13SC	85291	Coagulation	<p>Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK.</p> <p>Preferred 2 mL plasma</p> <p>Minimum 0.5 mL plasma</p> <p>Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes</p> <p>Storage Freeze plasma</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.</p>	5M urea	Clots remain undissolved	M - F	4 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Fat, Fecal Qnt, 24 Hr	LAB333011	FF24		Reference Lab	Container Times stool collection kit Preferred Entire collection - Min 4 grams Process Refrigerate during collection Transport Send frozen **NOTE** Special diet required 3 days prior to collection	Nuclear Magnetic Resonance Spectroscopy	Call Ref Lab		4 days
Fat, Fecal Qnt, 48 Hr	LAB333012	FF48		Reference Lab	Container Times stool collection kit Preferred Entire collection - Min 4 grams Process Refrigerate during collection Transport Send frozen **NOTE** Special diet required 3 days prior to collection	Nuclear Magnetic Resonance Spectroscopy	Call Ref Lab		4 days
Fat, Fecal Qnt, 72 Hr	LAB333013	FF72		Reference Lab	Container Times stool collection kit Preferred Entire collection - Min 4 grams Process Refrigerate during collection Transport Send frozen **NOTE** Special diet required 3 days prior to collection	Nuclear Magnetic Resonance Spectroscopy	Call Ref Lab		4 days
Feather Panel #2 IgE Chicken, Duck, Goose and Turkey Feathers	LAB095369	FEAT2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Fecal Fat, Qualitative	LAB8201	FAT	89125	Microbiology	Collect a small amount of stool in a leak-proof container without preservative. Transport to the lab as soon as possible.	Qualitative assay	No neutral fats or fat crystals seen	M - SU	24 hrs
Fecal Lactoferrin	LAB731	FLACK	83630	Microbiology	Submit a small amount of fresh feces in a leak proof container without preservatives. Transport Send to the laboratory when collected. Keep refrigerated (2-8) or in ambient temperature up to 2 weeks .	Enzyme Immunoassay(EIA)	Negative	M - SU	24 hrs
Felbamate	LAB686	FELBA	80167	Reference Lab	Container Plain red top tube Preferred 1 ml serum Process Spin and separate Transport Send serum refrigerated **NOTE** Pre-dose (trough) draw. No SST tubes	HPLC	Call Ref Lab		5 days
Fennel Seed IgE	LAB095348	FENLS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Fennel, Fresh (Greek) IgE	LAB095349	FENNL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ferret Epithelium IgE	LAB095269	FERRT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ferritin	LAB68	FER 68140	82728	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lithium Heparin Acceptable If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells. Refrigerate (2-8°C) up to 7 days For longer storage, freeze (-10°C) up to 12 months	Chemiluminescent Microparticle Immunoassay (CMIA)	Males: 26 - 388 ng/ml Females: 8 - 252 ng/mL	M-Su	4 HR
Fetal Bleed Screen	LAB896	FBS	85461	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Hemagglutination	NA		2 hours
Fibrin Monomer	LAB1118	FMSC 65009	85366	Coagulation	Container 1 sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Latex Agglutination w/Mouse Anti-Human Monoclonal Antibody: Macroscopic	Negative	M - SU	1 HR
Fibrin Split Products	LAB761	FDPSC	85362	Coagulation	Container 1 sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Rapid latex agglutination	< 5 ug/ml	M - SU	1 HR
Fibrinogen	LAB314	FIBSC 65003	85384	Coagulation	Container 1 sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	200 - 400 mg/dL	M - SU	4 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Fibrinogen - Antigen	LAB1121	FIBAG	85385	Reference Lab	<p>Container 1 sodium citrate (light blue top) tube; fill between min and max fill line.</p> <p>Preferred 2 mL platelet poor plasma</p> <p>Minimum 1.0 mL platelet poor plasma</p> <p>Process Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots.</p> <p>Storage Freeze plasma (Do not use a frost free freezer!)</p> <p>Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping.</p> <p>**NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"</p>	Radial Immunodiffusion (RID)	Call Ref Lab		5 days
Filaria IgG4	LAB090664	FILGG	86682	Reference Lab	<p>Container 1 SST tube</p> <p>Preferred 1 ml serum</p> <p>Minimum 0.1 ml serum</p> <p>Process spin and separate</p> <p>Transport Send refrigerated</p>	ELISA	Call Ref Lab		10 days
Finch Feathers IgE	LAB095270	FINCH	86003	Immunology	<p>Container 1 SST tube</p> <p>Preferred 0.5 ml serum for each 5 allergens</p> <p>Process Spin and separate</p> <p>Storage Refrigerate (2-8°C)</p>	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative)	M - F	1 day
Fire Ant IgE	LAB0700152	FANT	86003	Immunology	<p>Container 1 SST tube</p> <p>Preferred 0.5 ml serum for each 5 allergens</p> <p>Process Spin and separate</p> <p>Storage Refrigerate (2-8°C)</p>	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative)	M - F	1 day
Firebush (Kochia) IgE	LAB0700188	FIREB	86003	Immunology	<p>Container 1 SST tube</p> <p>Preferred 0.5 ml serum for each 5 allergens</p> <p>Process Spin and separate</p> <p>Storage Refrigerate (2-8°C)</p>	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative)	M - F	1 day
Flecainide	LAB687	FLEC	80181	Reference Lab	<p>Container 1 plain red top tube</p> <p>Preferred 1.5 mls serum</p> <p>Process Spin and separate and pour off within 2 hours</p> <p>Transport Send refrigerated</p> <p>**NOTE** No SST tubes Draw blood immediately before next scheduled dose.</p>	HPLC	Call Ref Lab		9 days
Fluid Immune Profile	LAB7925	FLDIM	86355 86359 86360	Immunology	<p>Container Sterile container</p> <p>Preferred 5 ml Bronch wash/lavage</p> <p>Minimum 1 ml</p> <p>Storage Refrigerate (2-8°C)</p> <p>Transport Refrigerate</p> <p>**NOTE** Cell count must be ordered.</p> <p>**TESTING REQUIREMENTS** WBC count must be >100 and Lymph % must be >15</p>	Flow Cytometry	See Report	M - F	1-3 days
Fluoride	LAB989	FLR	82735	Reference Lab	<p>Container 1 sodium heparin green top</p> <p>Preferred 3 mls plasma</p> <p>Minimum 1.2 mls plasma</p> <p>Process Spin and separate</p> <p>Transport Send refrigerated in plastic vial.</p>	Ion=Selective Electrode	Call Ref Lab		8 days
FNA, Breast (FNB)	LAB9696			Cytology	<p>Frosted-end slide, 50 ml tube alcohol/Ringer's solution Apply aspirate to frosted end of slide. Immerse immediately in Carnoy fixative for 5 min then transfer to 95% ethanol. Transport to lab in 95% alcohol.</p> <p>CAUTION: DO NOT LEAVE IN CARNOY FIXATIVE > 5 MIN !</p> <p>Aspirates: Flush directly to 50 ml tube containing 1:1 solution of 50% ethyl alcohol and Ringer's solution.</p> <p>Cystic Lesions: Deliver immediately to lab in syringe (remove needle) or flush into 50 ml tube containing 1:1 50% ethyl alcohol and Ringer's solution.</p>				24 HR
FNA, Lymph Node (FNL)	LAB9696			Cytology	<p>Frosted-end slide, 50 ml tube with 1:1 solution 50% ethyl alcohol/Ringer's solution. Apply aspirate to frosted end of slide. Immerse immediately in Carnoy fixative for 5 min then transfer to 95% ethanol. Transport to lab in 95% alcohol.</p> <p>CAUTION DO NOT LEAVE IN CARNOY FIXATIVE > 5 MIN !</p> <p>Aspirates: Flush directly to 50 ml tube containing 1:1 solution of 50% ethyl alcohol and Ringer's solution.</p> <p>Cystic Lesions: Deliver immediately to lab in syringe (remove needle) or flush into 50 ml tube containing 1:1 50% ethyl alcohol and Ringer's solution.</p>				24 HR
FNA, Other (FNO)	LAB9696			Cytology	<p>Frosted-end slide, 50 ml tube with 1:1 solution 50% ethyl alcohol/Ringer's solution Apply aspirate to frosted end of slide. Immerse immediately in Carnoy fixative for 5 min then transfer to 95% ethanol. Transport to lab in 95% alcohol.</p> <p>CAUTION: DO NOT LEAVE IN CARNOY FIXATIVE > 5 MIN!</p> <p>Aspirates: Flush directly to 50 ml tube containing 1:1 solution of 50% ethyl alcohol and Ringer's solution.</p> <p>Cystic Lesions: Deliver immediately to lab in syringe (remove needle) or flush into 50 ml tube containing 1:1 50% ethyl alcohol and Ringer's solution.</p>				24 HR
FNA, Thyroid (FNT)	LAB534			Cytology	<p>Frosted-end slide, 50 ml tube with 1:1 solution 50% ethyl alcohol/Ringer's solution Apply aspirate to frosted end of slide. Immerse immediately in Carnoy fixative for 5 min then transfer to 95% ethanol. Transport to lab in 95% alcohol.</p> <p>CAUTION: DO NOT LEAVE IN CARNOY FIXATIVE > 5 MIN!</p> <p>Aspirates: Flush directly to 50 ml tube containing 1:1 solution of 50% ethyl alcohol and Ringer's solution.</p> <p>Cystic Lesions: Deliver immediately to lab in syringe (remove needle) or flush into 50 ml tube containing 1:1 50% ethyl alcohol and Ringer's solution.</p>				4 HR

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Folate	LAB69	FOLS 68130	82746	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** No Hemolysis Lithium Heparin Acceptable Remove serum from clot or separator gel as soon as possible after complete clot formation. If testing will not be performed immediately, remove serum or plasma from the clot, separator or red blood cells and store at 2-8°C. Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 30 days	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
Food Panel #1 IgE Codfish, Egg White, Milk, Peanut, Soybean, Wheat	LAB095374	FOOD1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Food Panel #2 IgE Cabbage, Paprika, Spinach, Tomato	LAB095386	FOOD2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Food-Fruit Panel IgE Apple, Banana, Peach, Pear	LAB095370	FRUIT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Food-Grain Panel IgE Barley, Rice, Rye, Wheat	LAB095371	GRAIN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Food-Nut Panel #1 IgE Almond, Brazil Nut, Coconut, Hazel, Peanut	LAB095372	NUT1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Food-Nut Panel #2 IgE Cashew, Pecan, Pistachio, Walnut	LAB095373	NUT2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Food-Vegetable Panel IgE Broccoli, Carrot, Corn Green Pea, White Bean	LAB095375	VEGGI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Foresight Carrier Screen Fundamental	LAB095143	FCSFD	81220 81400	Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp	Full Exon Sequencing	Call Ref Lab		14 days
Foresight Carrier Screen Universal	LAB095145	FCSUN	81443	Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp	Full Exon Sequencing	Call Ref Lab		14 days
Formaldehyde IgE	LAB095223	FORMA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Fragile X (FMRI) w/Reflex to Methylation	LAB9844	FMRI	81243	Reference Lab	Container EDTA lavender top Preferred 5 mls whole blood. Min 1.5 mls Process Do not spin Transport Send whole blood refrigerated	PCR/Capillary Electrophoresis	Call Ref Lab		14 days
Francisella Tularensis Abs	LAB9212	FTABS	86668x2	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Storage Send serum refrigerated	Semi-Quant ELISA	Call Ref Lab		7 days
Free Androgen Index % Calculation only	LAB9182	FAI%		Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and Separate Storage Refrigerate (2-8°C) Transport Refrigerate (2-8°C) **NOTE** See requirements for Testosterone and SHBG	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
Free Fatty Acids	LAB986	FRFA	82725	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Minimum 0.5 mls serum Process Spin within 45 mins of draw Transport Send frozen **NOTE** Pt must be fasting 12-14 hrs. Pt must not consume any alcohol for 24 hrs before the draw.	Enzymatic Colorimetric	Call Ref Lab		4 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Free T4 by Dialysis	LAB9706	T4FRD	84439	Reference Lab	Container: Plain red top tube Preferred: 2.6 mls serum Process: Spin and separate within 4 hrs Transport: Send serum refrigerated	Equilibrium dialysis	Call Ref Lab		8 days
Fructosamine	LAB1013	FRC.S	82985	Reference Lab	Container 1 SST tube Preferred 0.5 mls serum Minimum 0.3 mls serum Process Allow serum to clot completely at room temp then spin and separate Transport Send refrigerated **NOTE** Patients should abstain from ascorbic acid supplements for 24 hrs prior to draw	Colorimetric Rate Reaction	Call Ref Lab		2 days
FSH	LAB86	FSH 67020	83001	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin Acceptable If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells. Refrigerate (2-8°C) up to 7 days Freeze (-10°C or colder) if not done within 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
FTA - ABS	LAB866	FTA	86780	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Negative	M-F	1-3 days
FTA-CSF	LAB7929	FTACS	86780	Immunology	Container CSF Tube Preferred 1 ml CSF Minimum 0.5 ml Storage Refrigerate (2-8°C) Transport Refrigerate	IFA	Non-reactive	M - F	1-3 days
Fungal Abs CSF	LAB7931	FUNCF	86606 86612 86635 86698 x2	Reference Lab	Container: Sterile container Preferred: 2 mls CSF Transport: Send refrigerated	Semi-Quant Complement Fixation Semi-Quantitative Enzyme-Linked Immunosorbent Assay(ELISA)/Qualitative Immunodiffusion	Call Ref Lab		7 days
Fungal culture ID	LAB7935	FUNID	87107	Microbiology	Organism transported to the laboratory on agar plates or slants. Store at ambient temperature up to 7 days.	Phenotypic identification	Organism identification	M-SU	3 wks
Fungal Profile Serum	LAB7932	FUNGS	86612 86635 86698 X 2 86606	Reference Lab	Container: 1 SST tube Preferred: 2 mls serum Minimum: 1.2 mls serum Process: Spin and separate within 2 hrs Transport: Send refrigerated	Semi-Quant Complement Fixation/Semi Quantitative Enzyme-Linked Immunosorbent Assay(ELISA)/Qualitative Immunodiffusion	Call Ref Lab		7 days
Fungus Culture	LAB240	FUNCU	87102	Microbiology	Ear, nasopharyngeal, throat, genital collect with a swab/culturette. Lower Respiratory Tract (Sputum, bronchial aspirate, Bronchial lavage): collect in sterile containers. Transport Send to the laboratory within 2 hours at ambient temperature. If longer than 2 hours refrigerate (2-8°C). Upper Respiratory Tract (Oral, Sinus): Eswab and collect sinus contents in a sterile container. Transport If collecting oral specimen send to the laboratory within 2 hours at ambient temperature, and store at ambient temperature. Body fluids: collect in sterile containers. Transport Send to the laboratory within 15 minutes, if longer store at ambient temperature. Tissue: Collect in a sterile container and keep moist with saline. Transport Send to the the laboratory within 15 minutes at ambient temperature. If longer than 15 minutes store at ambient temperature. Urine: Collect first morning sample in sterile container or urine collection system. Transport Send to the laboratory within 2 hours at ambient temperature. If longer than 2 hours store in refrigerated temperature (2-8°C). Genitals: Collect in sterile container or sterile swab. Transport: Send to the laboratory with in 2 hours at ambient temperature.	Fungal culture	Negative at 3 weeks	M - SU	3-4 wks
Fungus Smear	LAB7933	FUNSM	87206	Microbiology	See fungus culture for collection. Fungal smear will NOT be performed on specimens collected and transported on swabs. Gram stain should be ordered on swab specimens. Fungus smear will not be performed on: Blood or bone marrow.	Fluorescence microscopy.	No fungal elements seen.	M - SU	8 hrs
Fusarium Moniliforme IgE	LAB0700156	FUSAR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Gabapentin Urine	LAB0700015	GBPNU	80355	Reference Lab	Container Random urine container Preferred 20 mls urine Transport Send room temp	MS	Call Ref Lab		7 days
GAD 65 Ab	LAB7936	G65	86341	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 1 ml serum Process Spin and separate Transport Send refrigerated	RIA	Call Ref Lab		4 days
GAL-1-P-Uridyltransferase	LAB7937	GALPU	82775	Reference Lab	Container 1 EDTA purple top tube Preferred 5 mls whole blood Minimum 2 mls whole blood Process Do not spin Transport Send refrigerated **NOTE** Fasting patient (4 hrs)	Ultraviolet Kinetic	Call Ref Lab		6 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Galactose Urine	LAB7940	GALU	82760	Reference Lab	Container: Random urine container Preferred: 5 mls random urine Minimum: 1 ml random urine Process: Aliquot into plastic pour off tube Transport: Send frozen	Spectrophotometric, Kinetic	Call Ref Lab		14 days
Galactose-1-Phosphate RBC	LAB7939	G.IRB	84378	Reference Lab	Container: 1 EDTA purple top tube Preferred: 5 mls whole blood Minimum: 2 mls whole blood Process: Place tube on wet ice immediately after collection. Do not spin Transport: Send refrigerated **NOTE** Specimen good 3 days. DO NOT DRAW ON FRIDAY.	GC/MS	Call Ref Lab		10 days
Galactin-3	LAB9535	GAL-3	82777	Reference Lab	Container: Plain red top tube Preferred: 1 ml serum Process: Allow to clot completely at room temp. Spin and separate within 2 hrs. Transport: Send serum frozen.	Quant EIA	Call Ref Lab		10 days
Galop Autoantibody	LAB7941	GALOP	83520 84999	Reference Lab	Container: 1 SST tube Preferred: 2 mls serum Minimum: 0.5 mls serum Process: Spin and separate Transport: Send room temp overnight. Stable 3 days refrigerated.	ELISA	Call Ref Lab		4 weeks
GAMT Sequence Analysis	LAB9472	GAMT	81479	Reference Lab	Container: EDTA Lavender Top Preferred: 3 mls whole blood Process: Do not spin Transport: Send whole blood room temp overnight	Sequence analysis performed in forward and reverse directions	Call Ref Lab		3 weeks
Ganglioside Ab Panel	LAB070026	GNGLP	83520 x 6	Reference Lab	Container: SST tube Preferred: 1 mls serum Process: Spin and separate Transport: Send serum refrigerated	Elisa	Call Ref Lab		10 days
Garlic IgE	LAB0700157	GARLC	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Gastrin	LAB80	GAST	82941	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Spin and separate Storage: Send serum refrigerated **Note** 12 hour fasting is recommended	RIA	Call Ref Lab		3 days
Gastrocult	LAB696	GASTR 10025	82271	Chemistry	Container: Sterile Container Preferred: 5 mL gastric aspirate or vomitus Minimum: 1 mL gastric aspirate or vomitus Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 5 days	Alpha Guaiaconic Acid	Negative	M - SU	4 HR
GC Culture	LAB7943	GCCU	87071	Microbiology	Collect on Eswab Transport: Send to the laboratory within 2 hours at ambient temperature. Do not refrigerate.	Bacterial culture	No GC isolated.	M - SU	72 hrs
Gelatin IgE	LAB095312	GELAN	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Genital Culture	LAB7956	GENCU	87070	Microbiology	Collect with an Eswab Transport: Send to the laboratory within 2 hours at ambient temperature. If longer than 2 hours store specimen at ambient temperature. Recommended body sites: Female: Vulva, Cervix, Urethra, Endometrium Male: Anal Swab, Urethral Swab, Prostatic Massage, Penis	Bacterial culture	No pathogens isolated.	M - SU	72 hrs
Gentamicin - Peak	LAB28	GENTP 73511	80170	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Collect 30 minutes after dose administered Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	5 - 10 mcg/mL	M - SU	4 HR
Gentamicin - Random	LAB27	GENTR 73512	80170	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	See Report	M - SU	4 HR

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Gentamicin - Trough	LAB26	GENTT 73510	80170	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Collect 15 minutes before dose administered Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	0-1.9 mcg/mL	M - SU	4 HR
Gerbil Epithelium IgE	LAB095271	GERB	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
GGTP	LAB851	GGTP 12000	82977	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate Note: Serum acceptable Room Temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	GCNA	See Report	M - SU	4 HR
Giant Ragweed IgE	LAB090629	GRAGW	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Giemsa (Malaria/Borrelia)	LAB7959	GIEMS	87207	Microbiology	Draw 3 ml of blood in a lavender top (EDTA) tube. Alternately blood may be drawn from a finger stick. If finger stick is performed, make at least 2 thin smears and 2 thick smears. Transport: Send to the laboratory at ambient temperature.	Giemsa Stain	No Malaria parasites/ Borrelia	M - SU	24 hrs
Giladin (Deaminated) IgG & IgA Antibodies	LAB999011	GLIAB	83516 x2	Immunology	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	<20 Units	Batched at least 2x weekly	1 - 3 days
Ginger IgE	LAB0700158	GINGR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Glomerular Filtration Rate (estimated)	LAB7958	GFR	82565	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months Modification of Diet in Renal Disease study equation used. Calculation requires serum/plasma creatinine, age, sex and ethnic group for calculation.	Kinetic Alkaline Pictate	>60 mL/min/1.73m ² Intended for adults (age 18-90)	M - SU	4 HR
Glucagon	LAB1005	GLUCA	82943	Reference Lab	Container: Protease Inhibitor tube Preferred: 1 mL plasma Process: Spin and separate within 1 hr Transport: Send plasma frozen **NOTE** Winged collection tube (butterfly) must be used Separate specimens must be sent for multiple tests	RIA	Call Ref Lab		12 days
Glucola 75 gm - 1 hr (OB)	LAB7961	GCOLA 10102	82950	Chemistry	Container: 1 SST Tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge within 2 hours of collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin / Sodium Fluoride acceptable Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	≤140 mg/dL	M - SU	4 HR
Glucola 75 gm - 2 hr (Postpartum)	LAB7962	PCOLA	82950	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable / Sodium Fluoride acceptable Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	≤140 mg/dL	M - SU	4 HR
Glucose	LAB8312	GLU 10100	82947	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable / Sodium Fluoride acceptable Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	See Report	M - SU	4 HR

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Glucose - 2 Hr PP (Post Prandial)	LAB7967	GLUPP 10610	82947	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge within 2 hour of collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin / Sodium Fluoride acceptable Room Temperature(20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	≥140 mg/dL	M - SU	4 HR
Glucose - Body Fluid	LAB186	GLUF 10103	82945	Chemistry	Container: Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	No Reference Range Available	M - SU	4 HR
Glucose - CSF	LAB185	CSFGL 12900	82945	Chemistry	Container: CSF tube Preferred: 2 mL CSF Minimum: 1.5 mL CSF Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 72 hours if free of cells Refrigerate (2-8°C) up to 1 month if free of cells	Hexokinase / G-PDG photometric	50 - 80 mg/dL	M - SU	4 HR
Glucose - Urine (24 Hr)	LAB396	UGLUC 14941	82947	Chemistry	Container: 24 hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Preservative - 5mL Glacial Acetic Acid before collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Keep refrigerated Refrigerate (2-8°C) up to 2 days Freeze (-20°C) up to 2 days	Hexokinase / G-PDG photometric	0.00 - 0.25 gm/vol	M - SU	4 HR
Glucose - Urine (Random)	LAB7968	UGLR 14942	82945	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: No preservative Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Keep refrigerated Refrigerate (2-8°C) up to 2 days Freeze (-20°C) up to 2 month	Hexokinase / G-PDG photometric	No Reference Range Available	M - SU	4 HR
Glucose Tolerance 100 gm - 3 hr (OB)	LAB7963	GTOB	82951 82952 for each beyond 3 specimens	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge within 2 hours of collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin / Sodium Fluoride acceptable Room Temperature(20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	Interpretive	M - SU	4 HR
Glucose Tolerance 75 gm - 2 hr (CF/NEURO)	LAB7964	GTTCF	82947 82950	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge within 2 hour of collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin / Sodium Fluoride acceptable Room Temperature(20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	Interpretive	M - SU	4 HR
Glucose Tolerance 75 gm - 3 hr	LAB7965	GTT.3 10510	82951 82952 for each beyond 3 specimens	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge within 2 hou of collection Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin / Sodium Fluoride acceptable Room Temperature(20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days	Hexokinase / G-PDG photometric	Interpretive	M - SU	4 HR
Glucose-6-Phosphate Dehydrogenase	LAB9315	G6P	82955	Reference Lab	Container: ACD yellow top solutions A Preferred: 3 mis whole blood Process: Do not spin Transport: Send whole blood refrigerated. Do not freeze **NOTE** EDTA purple top is also acceptable	Quanti Enzymatic	Call Ref Lab		4 days
Glutaric Acid	LAB7969	GLUTS	82491	Reference Lab	Container: 1 SST tube Preferred: 2 mLs serum Process: Spin and separate Transport: Send frozen		Call Ref Lab		10 days
Gluten IgE	LAB0700159	GLUTN	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Glycine, CSF	LAB7970	GLYCC	82131	Reference Lab	Container: Sterile container Preferred: 1 ml CSF Minimum: Process: Aliquot into plastic tube Transport: Send frozen		Call Ref Lab		10 days
Glycine, Serum	LAB7971	GLYCS	82131	Reference Lab	Container 1 SST tube Preferred 1 ml serum Process Spin and separate Transport Send frozen		Call Ref Lab		10 days
GMI Abs	LAB7973	GM.1	83516.x2	Reference Lab	Container 1 SST tube Preferred 0.3 mls serum Minimum 0.1 ml serum Process Spin and separate within 2 hrs Storage Send refrigerated	ELISA	Call Ref Lab		5 days
Goat Epithelium	LAB095272	GOAT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Goldenrod IgE	LAB0700161	GLDR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Goose Feathers IgE	LAB090658	GOOSE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
GR. B Strep Culture (Pen Allergic)	LAB7975	GBSPA	87081	Microbiology	Collect dual copan swabs of the vaginal introitus and the anorectum. Cervical specimens are not acceptable for screening purposes. Transport Send to the laboratory at ambient temperature or store refrigerated (2-8°C) up to 24 hours.	Bacterial culture	No Grp. B Streptococci isolated.	M - SU	72 hrs
Gram Stain	LAB250	GST	87205	Microbiology	Can be performed on same specimen as culture. If ordered alone, see collection instructions for culture. The specimen should be taken from the advancing margin of the lesion and pus or exudate. It is critical that lesion margins and abscess wall be firmly sampled. It is recommended that for a Gram Stain and Culture, two swabs be collected. STAT orders on CSF will be resulted within 2 hours of receipt Transport See collection instructions per specific culture.	Gram stain microscopy	No bacteria seen	M - SU	8 hrs
Grape IgE	LAB0700163	GRAPE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Grapefruit IgE	LAB0700164	GRFRT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Grass Panel #1 IgE June, Meadow Fescue, Orchard Rye Timothy	LAB095385	GRAS1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Grass Panel #2 IgE Bahia, Bermuda, Johnson, June/Kentucky Blue, Rye Timothy	LAB095376	GRAS2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Grass Panel #3 IgE Cultivated Rye, Rye, Sweet Vernal, Timothy, Velvet Leaf	LAB095389	GRAS3	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Green Bean IgE	LAB0700166	GBEAN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Green Pea IgE	LAB0700231	GRPEA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Green Pepper IgE	LAB0700167	GPEPR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Grey Alder IgE	LAB095358	ALDER	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Group B Strep PCR (Other)	LAB7974	GBPCR	87653 x 1	Molecular	Vaginal/Anal Swabs on a rayon swab, with plastic shaft and Stuart's medium with a sponge pledget or an e-swab (liquid Stuart media) *Store at 20°C (Room Temperature)	Real Time PCR	Negative	Batched M - F	3 days
Growth Hormone	LAB7977	GHSND	83003	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.4 ml serum Process: Allow specimen to clot completely at room temperature Spin and separate within 2 hrs. Transport: Send serum frozen **NOTE** Pt must be fasting and at complete rest for 30 minutes before blood collection.	Quantitative Chemiluminescent Immunoassay	Call Ref Lab		3 days
Guar Gum IgE	LAB095313	GUARG	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Guava IgE	LAB095288	GUAVA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Guinea Pig Epithelium IgE	LAB0700168	GUINE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Gum Arabic IgE	LAB095314	GUMA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
H. Pylori IgG Antibodies	LAB158	HPYLO	86677	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	Negative	Batched at least 2x weekly	1-3 days
H. pylori Stool Antigen	LAB397	HELO	87338	Microbiology	Container: Collect a fresh stool in a leak-proof container <u>without</u> preservative Transport: Send to the laboratory within 2 hours under refrigerated conditions (2-8°C). If delayed more than 2 hours keep sample refrigerated. If testing is not available within 72 hours of collection, freeze the sample at ≤20°C.	Chemiluminescent Immunoassay (CLIA)	Negative	M - W -F	72 hrs
Haemophilus Influenza B Ab	LAB7978	HIBS	86403	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.15 ml serum Process: Spin and separate within 2 hours Transport: Send refrigerated	Qnt Multiplex Bead Assay	Call Ref Lab		3 days
Haemophilus Influenza B Ag	LAB7979	HBAG	86403	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.25 mls serum Process: Spin and separate Transport: Send refrigerated	Latex Agglutination	Call Ref Lab		7 days
Halibut IgE	LAB0700170	HALIB	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Hamster Epithelium IgE	LAB0700171	HAMST	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Haptoglobin	LAB896	HAPTO	83010	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2 ml plasma Minimum: 1 ml plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 2 weeks	Immunoturbidimetric	62 - 197 mg/dL	M - Su	4 HR
Hazelnut (food) IgE	LAB0700172	HAZEL	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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HCG Tumor Marker	LAB9771	HCGTM	84702	Reference Lab	Container: 1 SST tube Preferred: 0.6 ml serum Process: Spin and separate Transport: Send serum refrigerated **NOTE** 12 hours before draw, do not take multivitamins or dietary supplements containing biotin or Vitamin B7	Electrochemiluminescence Immunoassay	Call Ref Lab		2 days
HCG Quantitative testing Numerical result	LAB143	HCG 67010	84702	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge within 2 hours of collection Storage: Refrigerate (2-8°C) up to 24 hours after collection Transport: Refrigerate **NOTE** Serum acceptable If testing not performed within 24 hours, separate plasma or serum from cells, clot or serum separator and store at (2-8°C) up to 7 days Frozen (-10°C) up to 12 months	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
HCV Fibrosure	LAB091286	FIBSR	83883 83010 82172 82977 82247 84460	Reference Lab	Container: SST tube Preferred: 3.5 mls serum Process: Spin and separate within 2 hrs Transport: Send serum frozen **NOTE** Patient must be fasting at least 8 hours and over 14 years of age.	Electrochemiluminescence Immunoassay	Call Ref Lab		10 days
HCV Genosure NS3/4A	LAB9770	HCVGS	87900 87902	Reference Lab	Container: EDTA lavender top tube Preferred: 3 mls plasma Process: Spin and separate Transport: Send plasma frozen **NOTE** Patient must have Hep C genotype and Hep C viral load done previously		Call Ref Lab		10 days
HCV Genotype	LAB915	HCVG	87902 x 1	Molecular	1 ml Serum 0.5 ml minimum requirement *Freeze specimen within 30 min	Multi-Plex PCR	Negative	Batched M - F	7 days
HCV NS5A Drug Resistance by Sequencing	LAB0700673	HCV5A	87902	Reference Lab	Container: SST tube Preferred: 2 ml serum Process: Spin and separate within 2 hrs Transport: Send frozen	PCR/Sequencing	Call Ref Lab		10 days
HCV Quantitative	LAB887	HCRNA	87522 X 1	Molecular	1 ml serum from SST tubes *Freeze specimen within 30 min	Real Time PCR	Negative	Batched M - F	1-3 days
HDL Cholesterol	LAB101	HDL 11211	83718	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum or Sodium Heparin acceptable 12 Hr fasting sample is preferred but not required Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 3 months	Accelerator Selective Detergent / Photometric	See Report	M - SU	4 HR
Heart HLA Antibody Identification (Class I - ABC and Class II DR-DQ)	LAB7983	HTIDC	86832 86833	HLA	1 ml serum. Notify lab if patient has been transfused within the last 7 days. If patient is to be transfused, draw the specimen before transfusion. Screening test is usually done first.	Flow Cytometry or Multiplex Immunoassay	See Report	M-F by noon	6 days
Heart HLA Antibody Screen (Class I and Class II)	LAB7984	HTPRA	86828	HLA	1 ml serum. Notify lab if patient has been transfused within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Flow Cytometry or Multiplex Immunoassay	Negative	M-F by noon	6 days
Heart HLA Class I -ABC Antibody Identification	LAB7985	HTIDI	86832	HLA	1 ml serum. Notify lab if patient has been transfused within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Flow Cytometry or Multiplex Immunoassay	See Report	M-F	6 days
Heart HLA Class II -DR,DQ Antibody Identification	LAB7986	HTID2	86833	HLA	1 ml serum. Notify lab if patient has been transfused within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Flow Cytometry or Multiplex Immunoassay	See Report	M-F	7 days
Heart HLA Typing Complete	LAB8807	HTTYP	81370	HLA	20 ml of blood in two yellow top (ACD-A) tubes. Do not refrigerate. Store at room temperature. Notify lab if patient has been transfused.	PCR-SSP	See Report	M-F	24 HR on open donor case
Heart Transplant Crossmatch	LAB7989	XMSH	86825, 86826 or 2 X 86805	HLA	1.0 mL of serum	Flow Cytometry or Microcytotoxicity	See report	M-Sun	7 days
Heart TX HLA Class I I Type (DR,DQ)	LAB7988	HTHLD	81375	HLA	10 ml blood in one 10 ml yellow top (ACD-A) tube. Do not spin. Store at room temperature. Notify lab if patient has been transfused	PCR-SSP	See Report	M-F	7 days
Heart TX HLA Class I Type (ABC)	LAB7987	HTHLA	81372	HLA	10 ml of blood in one 10 ml yellow top (ACD-A) tube. Do not refrigerate. Keep at room temperature. Notify lab if patient has been transfused	PCR-SSP	See Report	M-F	3 days
Heavy Metals Blood	LAB1019	HVMSD	82175 82300 83655 83825	Reference Lab	Container: 1 royal blue Monoject tube with EDTA Preferred: 7 mis whole blood Minimum: 1.5 ml whole blood Process: Do not spin Transport: Send refrigerated **NOTE** Pts should avoid shellfish and seafood for 48-72 hrs prior to draw. Pts should discontinue nutritional supplements, vitamins and minerals 48-72 hrs prior to draw	ICP-MS	Call Ref Lab		4 days

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Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Heavy Metals Urine	LAB398	HMP4R	82175 82300 83655 83825	Reference Lab	Container 24 hr urine container with no preservative (collection may also be random) Preferred 8 mls urine Minimum 2 mls urine Process Aliquot into metal free tube Transport Send refrigerated **NOTE** patient should not eat seafood for 48-72 hrs prior to collection. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.	ICP-MS	Call Ref Lab		6 days
Helicobacter Pylori Breath Test	LAB9987	HPBRT	83013	Microbiology	Container Breath Tek UBT Kit Preferred Pink and blue bags Minimum Fully inflated pref(Blue) and post (pink) bags Process Per kit instructions Transport Ambient temperature	Qualitative Spectrophotometry	Negative	M - Su	24 hrs
Helminthosporium Halodes IgE	LAB0700173	HELM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Hematocrit	LAB289	HCT	85014	Hematology	Container 1 EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuolated Collection Tube Minimum 1/3 of optimal collection volume of vacuolated collection tubes Microcontainer Minimum 0.5 mL Storage Store whole blood at room temperature if testing is performed within 4-hours of collection; otherwise refrigerate. Refrigerated sample satisfactory for 24-hours. Transport Keep cool	Cell Counter; Automated	See report for age and gender specific ranges.	M - SU	2 HR
Hemoglobin	LAB291	HGB	85018	Hematology	Container: 1 - EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuolated Collection Tube Minimum 1/3 of optimal collection volume of vacuolated collection tubes Microcontainer Minimum 0.5 mL Storage Store whole blood at room temperature if testing is performed within 4-hours of collection; otherwise refrigerate. Refrigerated sample satisfactory for 24-hours. Transport Keep cool	Cell Counter; Automated	See report for age and gender specific ranges.	M - SU	24 HR
Hemoglobin - Electrophoresis	LAB7991	HGBEP 71310	83020	Chemistry	Container: 1 - EDTA (Lavender top) tube Preferred: 2 mL whole blood Minimum: 1 mL whole blood Process: Do Not Spin Storage: Refrigerate (2-8°C) Transport: Refrigerate Note: EDTA only Do not Spin	Electrophoresis	HgbA1: 96-98.5% HgbA2: 1.5-3.5% HgbF: 0-2%	Tu, F	4 days
Hemoglobin A1C	LAB90	HGA1C 73701	83036	Chemistry	Container 1 - EDTA (Lavender top) tube Preferred 2 mL whole blood Minimum 1 mL whole blood Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Note: EDTA only Do not Spin Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 7 days	High Performance Liquid Chromatograph (HPLC) or Enzymatic Method on Abbott Arcitect Site dependent See Report	4.0 - 5.6%	M - SU	24 hours
Plasma Free Hemoglobin	LAB92	PHGB LAB92	83051	Chemistry	Container 1 Lhp tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Refrigerate (2-8°C) up to 6 days Specimen must be aliquoted if testing is not to be performed within 24 hours	Enzymatic/Colorimetric	0 - 100 mg/dL	M - SU	4 hours
Hemoglobin TDH	LAB9729	HGBTX	85018	Reference Lab	Container: EDTA lavender top Preferred: 1 ml whole blood Process: Do not spin Transport: Send whole blood room temp		Call Ref Lab		10 days
Hemosiderin (Iron) Stain - Urine	LAB399	HEMST	85535	Hematology	Container 1 Sterile, plastic, leak-resistant urine container Preferred 50-100 mL first morning collection Minimum 3-mL random urine Process Deliver immediately to laboratory Storage If delivery to laboratory is within 1-hour of collection keep at room temperature; otherwise refrigerate immediately after collection. Transport Tightly seal lid, Keep cool	Microscopic w/ Stained Sediment	Negative	M - F	24 HR
Hep B Core Ab - Total	LAB1242	HBCAB	86704	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 hours
Heparin Induced Platelet (PF4) Antibody	LAB766	HPNAB	86022	Coagulation	Container 1 NaCit tube Preferred 1 mL Plasma Minimum 0.5 mL Plasma Process Centrifuge Storage Room Temperature Transport Spin, separate, and freeze plasma	Latex Immunoassay	Negative	M - Su	3 hours

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Hepatitis A AB - IgG	LAB8959	HAVG	86708	Chemistry	Container: 1 SST Tube (Gold Top) Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum Only Room temperature (24-30°C) up to 4 days Refrigerate (2-8°C) up to 8 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 hours
Hepatitis A AB - IgM	LAB798	HAVM	86709	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-10°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 hours
Hepatitis B Core Ab - IgM	LAB549	HBCM 34320	86705	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 hours
Hepatitis B Genotype	LAB9469	HBVG	87912	Reference Lab	Container: EDTA Lavender Top Preferred: 2 mL plasma Process: Spin and separate within 24 hours Transport: Send plasma frozen *NOTE* Please send most recent viral load and date if applicable.	PCR	Call Ref Lab		10 days
Hepatitis B Quantitative by Taqman	LAB7993	HBVQ	87517 x 1	Molecular	1 mL Serum 0.5 mL minimum requirement *Freeze specimen within 30 min	Real Time PCR	Negative	Batched M - F	3-5 days
Hepatitis B Surface Ab	LAB472	HBSAB	86706	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Storage Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 HR
Hepatitis B Surface Ag	LAB471	HBSAG	87340	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 24 days Refrigerate (2-8°C) up to 6 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 HR
Hepatitis Be Virus Ab	LAB796	HBVAB	86707	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	EIA	Call Ref Lab		3 days
Hepatitis Be Virus Ag	LAB908	HBEVA	87350	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	EIA	Call Ref Lab		3 days
Hepatitis C Ab	LAB868	HCV	86803	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 HR
Hepatitis D IgM	LAB9468	HDGM	86692	Reference Lab	Container: Plain Red Top Tube Preferred: 1 mL serum Process: Spin and separate Transport: Send serum refrigerated	Enzyme Immunoassay	Call Ref Lab		10 days
Hepatitis Delta Ab	LAB9457	HDAB	86692	Reference Lab	Container: SST Tube Preferred: 1 mL serum Process: Spin and separate within 2 hours Transport: Send serum frozen	Qualitative Enzyme Immunoassay	Call Ref Lab		6 days
Hepatitis Delta Ag	LAB9456	HEPD	87380	Reference Lab	Container: Plain red top tube or SST tube Preferred: 1 mL serum Process: Spin and separate Transport: Send serum frozen	Qualitative Enzyme-Linked Immunosorbent Assay	Call Ref Lab		10 days
Hepatitis E IgG	LAB9461	HPEG	86790	Reference Lab	Container: SST tube Preferred: 0.5 mL serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Enzyme-linked Immunosorbent Assay	Call Ref Lab		6 days

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Hepatitis E IgM	LAB9460	HPEM	86790	Reference Lab	Container SST tube Preferred 0.5 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Enzyme-Linked Immunosorbent Assay	Call Ref Lab		6 days
Hepatitis Panel - Acute Includes: HBSAG HCV HBCM HAVM	LAB551	HSURV	87340 86803 86705 86709	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 HR
Hepatocellular Carcinoma Tumor Marker Panel	LAB9998	HCTMP	82107 83951	Reference Lab	Container SST tube Preferred 1 ml serum Process Allow specimen to clot completely at room temperature. Spin and separate within 2 hrs Transport Send serum refrigerated	Qnt Liquid Chromatography Immunoassay	Call Ref Lab		7 days
Herpes Simplex (HSV1/2) PCR (Blood)	LAB0700508	HSVBL	87529 x 1	Molecular	3 mls of EDTA blood (purple-top) 1 ml minimum requirement *Store at 2-8°C (Refrigerate)	Real Time PCR	Negative	M - S	1-3 days
Herpes Simplex (HSV1/2) PCR (Other)	LAB8000	HSVO	87529 x 1	Molecular	Swab in M4 Viral Transport Media Store at 2-8°C (refrigerate)	Real Time PCR	Negative	M - S	1-3 days
Herpes Simplex 1 and 2 - IgG Antibodies - Type Specific	LAB7996	HERPS	86695 86696	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Includes HSV-1 and HSV-2	Multiplex Immunoassay	Negative	M - F	1-3 days
Herpes Simplex IgM Antibody	LAB7998	HSVMX	86694	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	ELISA	≤ 0.89	Batched at least 2x weekly	1-3 days
Herpes Virus 8 IgG Ab	LAB8002	HSV8G	86790	Reference Lab	Container 1 SST tube Preferred 1 ml seryn Minimum 0.1 ml serum Process Spin and separate Transport Send refrigerated	IFA	Call Ref Lab		10 days
Herring IgE	LAB0700174	HERR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Heterophile AB (MonoSpot)	LAB482	MONO	86308	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin acceptable Refrigerate (2-8°C) up to 2 days Freeze (-20°C) for longer storage	Solid-Phase Immunoassay	Negative	M - SU	24 HR
HGB/HCT	LAB753	H/H	85018	Hematology	Container 1 - EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred: 2-3 mL whole blood Vacuated Collection Tube Minimum 1/3 of optimal collection volume of vacuated collection tubes Microcontainer Minimum 0.5 mL Process None Storage Store whole blood at room temperature if testing is performed within 4-hours of collection; otherwise refrigerate. Refrigerated sample satisfactory for 24-hours. Transport Keep cool	Cell Counter; Automated	See report for age and gender specific ranges.	M - SU	40 days
HHT, Sequencing and Del/Dup	LAB0700004	HHT	81406 81405 81479 x2	Reference Lab	Container EDTA lavender top tube Preferred 3 mls whole blood Process Do not spin Transport Send whole blood refrigerated	PCR/Multiplex Ligation - dependent Probe Amplification	Call Ref Lab		6 weeks
HHV 6A/6B PCR	LAB8003	HHV6	87533	Reference Lab	Container EDTA lavender top tube Preferred 1 ml plasma Process Spin and separate Transport Send plasma frozen	PCR	Call Ref Lab		7 days
Hickory, White IgE	LAB095359	WHICK	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
High resolution stimulated blood for detection of chromosomal abnormalities in microdeletion syndromes such as Prader Willi, Williams, etc. or infertility.	LAB7811	G-HR	88230 x2 88289 x1 88262 x1 88291 x1	Cytogenetics	3-5 mLs of blood in sodium heparin (green top) tube. Room temp.	Culture for 72-96 hours with stimulation by PHA to induce mitosis and FUDR, Uridine and Thymidine to increase mitotic index. Harvest and analysis of chromosomes.	Normal male (46,XY) or normal female (46,XX)	M - Su	7 days
Histamine	LAB1033	HSWB.	83088	Reference Lab	Container 1 sodium heparin green top tube Preferred 1 ml whole blood Minimum 0.5 ml whole blood Process Transfer well mixed whole blood into plastic transport tube. Transport Send whole blood frozen **NOTE** Separate specimens must be sent for multiple tests	EIA	Call Ref Lab		7 days

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Histone Ab	LAB8006	HST.A	83516	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate ASAP Transport Send refrigerated	ELISA	Call Ref Lab		5 days
Histoplasma Ab Serum	LAB795	HLAB	86698	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate ASAP Transport Send refrigerated	CF	Call Ref Lab		5 days
Histoplasma Ag CSF	LAB8008	HPAGC	87385	Reference Lab	Container: Sterile container Preferred: 1 ml CSF Minimum: Process: Aliquot into plastic tube Transport: Send room temp		Call Ref Lab		5 days
Histoplasma Ag Serum	LAB3046300068	HSTAG	87385	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate Transport Send serum refrigerated	Quantitative Enzyme Immunoassay	Call Ref Lab		5 days
Histoplasma Galactomannan Ag Urine	LAB3046200069	HSTGM	87385	Reference Lab	Container Random urine container Preferred 2 mls urine Process Send in plastic transport tube Transport Send urine refrigerated	Quantitative Enzyme Immunoassay	Call Ref Lab		3 days
HIV 1 Integrase Genotype	LAB9874	HV1IG	87906	Reference Lab	Container EDTA lavender top tube Preferred 2 mls plasma Process Spin and separate Transport Send plasma frozen	RT-OCR	Call Ref Lab		10 days
HIV 1,2 Antibody	LAB8014	HIV12	87389	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (24-30°C) up to 3 days Refrigerate (2-8°C) up to 7 days Sample may be frozen (-20°C)	chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - Su	24 HR
HIV 1/2 Antibody Differentiation/Confirmation Assay	LAB090422	HIVC	HIV1 - 86701 HIV2 - 86702	Immunology	Container 1 Li Heparin (green) or 1 SST tube (gold) Preferred 1 mL Plasma/Serum Minimum 0.5 mL Plasma/Serum Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lab orderable tests only! Please call Immunology if test is ordered	Western Blot	See Report	M - F	1-3 days
HIV-1 Drug Resistance by NGS	LAB750000716	HIVNG	86900 87901 87906	Reference Lab	Container: EDTA lavender top Preferred: 3 mls plasma Process: Spin and separate within 24 hrs Transport: Send plasma frozen **NOTE** Viral load must be >500	Massively Parallel Sequencing	Call Ref Lab		12 days
HIV-1 Qualitative NAAT	LAB30461003	HIVN	87535	Reference Lab	Container EDTA lavender top Preferred 2 mls plasma Process Spin and separate within 24 hrs Transport Send plasma frozen	Qualitative Transcription Mediated Amplification	Call Ref Lab		5 days
HIV-1 RNA Quantitative	LAB8012	HVRNA	87536 x 1	Molecular	2 ml EDTA plasma 1 ml minimum requirement Freeze specimen within 30 minutes	Real-time PCR	See Report	Batched M - F	3-5 days
HIV-1 Western Blot	LAB999204	HIVWB	86689	Immunology	Container 1 SST tubes or 1 Lithium Heparin (green) Preferred 1 ml Serum/Plasma Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Call Immunology if ordered	Western Blot	See Report	M-F	6 days
HLA - ABC Typing	LAB8022	HLABC 41010	86813	HLA	One or two (10 - 20 ml blood) 10 ml yellow top (ACD-A) tube or sodium heparin green top tubes. Keep at room temperature. Do not spin. Do not draw within 48 hours of transfusion. Notify lab if patient has been transfused or had chemotherapy within the last 7 days.	Microcytotoxicity	See Report	M - F	10 days
HLA - B27	LAB869	B27 41005	86812	HLA	One 10 ml yellow top (ACD-A) tube or sodium heparin green top tube. Keep at room temperature. Do not spin.	Microcytotoxicity	Present or not present	M - F	7 Days
HLA - DNA Class I	LAB8023	DNABC	81372	HLA	10 ml of blood in one 10ml yellow top (ACD-A) tube. EDTA lavender tube okay. Do not refrigerate. Keep at room temperature. Do not draw within 48 hours after transfusion.	PCR-SSP	See Report	M - F	7 Days
HLA - DNA Class II	LAB8024	DNADR 41019	81375	HLA	10 ml blood in one 10 ml yellow top (ACD-A) tube. EDTA lavender tube okay. Do not spin. Store at room temperature.	PCR-SSP	See Report	M - F	7 Days
HLA - DNA Class II - High Resolution	LAB8025	DNAHR	81382 x2	HLA	20 ml blood in two 10 ml yellow top (ACD-A) tubes. Do not spin. Store at room temperature.	PCR-SSP	See Report	M - F	7 days
HLA - Platelet Antibody Screen	LAB8026	PLTAB 41195	86022	HLA	1 ml serum. Notify lab if patient has been transfused in last 7 days.	Enzyme-linked Immunosorbent Assay (ELISA)	See Report	T	15 days
HLA - PRA (Panel Reactive Antibody) or HLA Antibody Screen (Class I and Class II)	LAB8027	HLPRA 41185	86828	HLA	1ml of serum. Notify lab if patient has been transfused or had chemotherapy within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Enzyme-linked Immunosorbent Assay (ELISA) or Multiplex Immunoassay or Flow Cytometry	See Report	M - F (batch)	6 days

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HLA Antibody Identification (includes HLA Class I (ABC) and HLA Class II (DR,DQ))	LAB8015	HLID	86832 86833	HLA	1ml of serum. Notify lab if patient has been transfused or had chemotherapy within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Multiplex Immunoassay	See Report	M - F	10 days
HLA B*5701	LAB9537	H5701	81381	Reference Lab	Container: EDTA lavender top Preferred: 3 mls whole blood Process: Do not spin Transport: Send whole blood refrigerated	PCR / Fluorescence Monitoring	Call Ref Lab		10 days
HLA Class I (ABC) Antibody Identification	LAB8016	CLID1	86832	HLA	1ml of serum. Notify lab if patient has been transfused or had chemotherapy within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Flow cytometry or Multiplex Immunoassay	See Report	M - F	7 days
HLA Class II DP and DQ Type High Resolution	LAB9959	DPQHR	81382 x 4	HLA	Container Yellow top tube (ACD-A) or Lavendar EDTA tube Preferred 10 mL (cc) of blood Minimum 3 mL of whole blood **NOTE** Send at room temperature	PCR - SSP	NA	M - F	72 HRS
HLA Class II (DR,DQ) Antibody Identification	LAB8018	CLID2	86833	HLA	1ml of serum. Notify lab if patient has been transfused or had chemotherapy within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Flow cytometry or Multiplex Immunoassay	See Report	M - F	48 HR
HLA Single Antigen - AB Disease Association	LAB8021	DISAB 41018	86812	HLA	One 10 ml yellow top (ACD-A) tube or sodium heparin green top tube. Do not refrigerate. Do not spin. Keep at room temperature. PLEASE specify antigen requested.	Microcytotoxicity	See Report	M - F	7 days
HLA Typing Complete	LAB8803	DNTYP	81370	HLA	20 ml blood in two yellow tip (ACD-A) tubes. Do not refrigerate. Store at room temperature. Notify lab if patient has been transfused. For pediatric, 3 ml of ACD-A or EDTA is okay.	PCR-SSP	See Report	M-F	2 weeks
HMGCR, Antibody IgG	LAB30461000	HMGCR	83516	Reference Lab	Container: SST tube Preferred: 0.5 mls serum Process: Spin and separate within 2 hrs Transport: Send refrigerated	Semi Quantitative ELISA	Call Ref Lab		2 weeks
Homocysteine	LAB93	HMCYS 7567	83090	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Immediately place on ice Spin and separate from cells/gel Storage: Refrigerate (2-8°C) Transport: Refrigerate	Chemiluminescent Microparticle Immunoassay (CMIA)	5 - 15 mcmol/L	M - Su	4 HR
Homovanillic Acid (HVA) Urine	LAB401	HVAUR	83150	Reference Lab	Container 24 hr urine or random urine- no preservative Preferred 4 mls urine Transport Send urine refrigerated **NOTE** Abstain from medication for 72 hrs prior to collection	Qnt HPLC/Tandem MS	Call Ref Lab		5 days
Honeybee Venom IgE	LAB0700176	HBEV	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Hop Fruit IgE	LAB095295	HOP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Horizon	LAB095406	HRIZN		Reference Lab	Container Purple top tube provided by Natera Preferred 10 mls Process Do not spin Transport Send room temp in kit	Next-gen sequencing	Call Ref Lab		2 weeks
Horn Beam IgE	LAB095360	HOBEA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Horse Dander IgE	LAB0700179	HORS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Horse Fly IgE	LAB095306	HOFLY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Horse Meat IgE	LAB095309	HORSE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Horse Serum Protein IgE	LAB095273	HORSP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
House Dust Mites Dermatophagoides Pteronyg IgE	LAB090581	DPTER	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 - 3 days

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House Dust Mites/ Dermatophagoides Farinae IgE	LAB090580	DFARI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
House Dust Panel IgE Cockroach, D. farines, D. pteronyssinus, Hollister-Stier	LAB095377	DUST1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
House Dust/H-S Lab IgE	LAB095248	HOLST	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
House Dust-Greer Lab IgE	LAB090701	GREER	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
HTLV I/II Abs	LAB9481	HTLV.	86790	Reference Lab	Container: SST Tube Preferred: 0.5 mls serum Process: Spin and separate within 2 hours Transport: Send serum refrigerated	Qualitative Enzyme Immunoassay / Qualitative WB	Call Ref Lab		4 days
Human Papillomavirus (HPV)	LAB8029		87624	Molecular	Cervical Brushes Cervical Biopsies Cytoc PreservCyt Solution 4 ml minimum requirement	Real-Time PCR	Negative	Batched M - F	2 weeks
Huntington Disease Mutation	LAB113006	HDMUT	81271	Reference Lab	Container EDTA lavender top tube Preferred 5 mls whole blood Transport Send whole blood refrigerated **NOTE** A completed HD specific consent form, signed by the patient (ore legal guardian) and physician, is required for all specimens. Testing for patients under the age of 18 years or fetal specimens is not offered.	PCR/Fragment Analysis	Call Ref Lab		3 weeks
Hypersensitivity Pneum Extended Panel	LAB8032	HSFL	86003 x 3 86005 86331 x 7 86066 x 5	Reference Lab	Container SST tube Preferred Two 2.5 mls aliquots serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Qual Immunodiffusion/Qnt ImmunoCAP Fluorescent Enzyme Immunoassay	Call Ref Lab		7 days
Hypoglycemic Agent Screen	LAB8033	HGLY	80377	Reference Lab	Container 1 plain red top tube Preferred 1 mls serum Minimum 0.4 ml serum Process Spin and separate within 2 hrs. Storage Send frozen **NOTE** No SST tubes	LC-MS/MS	Call Ref Lab		12 days
IA-2 Ab	LAB8034	IA-2A	86341	Reference Lab	Container Plain red top tube Preferred 1.5 mls serum Process Spin and separate Transport Send serum refrigerated **NOTE** SST acceptable	RIA	Call Ref Lab		9 days
IBD sgi DIAGNOSTIC	LAB8035	IBD.	81479 x4 83520 x6 82397 x4 86140 88346 88350	Reference Lab	Container 1 SST tube and 1 EDTA purple top tube Preferred 2 mls serum & 2 mls whole blood Process Spin and separate serum. Do not spin purple top Transport Send room temp		Call Ref Lab		10 days
ID and Susceptibility	LAB999211	IDS	87077	Microbiology	Inoculate isolate on agar or slant. Transport Send to the laboratory in ambient temperature.	Biochemical Identification and Susceptibility Testing	N/A	M - Su	72 hrs
Ig Kappa Light Chain Gene Rearrangement	LAB8039		81264 G0452	Molecular	3-ml peripheral blood, bone marrow biopsy, bone marrow aspirate anticoagulated with EDTA (Store at 2-8° C (Refrigerate)) or, 5 mm cube of tissue frozen; or at room temperature or on ice in RPMI1640 or, formalin-fixed paraffin embedded tissue	PCR amplification with ABB10 fluorescent detection	Negative for Rearrange-ment	Batched M - F	7 days, 24 hours TAT for STAT is required
Ig Lambda Light Chain Gene Rearrangement	LAB8040		81479 G0452	Molecular	3-ml peripheral blood, bone marrow biopsy, bone marrow aspirate anticoagulated with EDTA (Store at 2-8° C (Refrigerate)) or, 5 mm cube of tissue frozen; or at room temperature or on ice in RPMI1640 or, formalin-fixed paraffin embedded tissue	PCR amplification with ABB10 fluorescent detection	Negative for Rearrange-ment	Batched M - F	7 days, 24 hours TAT for STAT is required
IgA	LAB73	IGA.1	82784	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium heparin acceptable (20-25°C) up to 8 months Refrigerate (2-8°C) up to 8 months -20°C up to 8 months	Immunoturbidimetric	See Report	M - Su	24 hours TAT for
IgE, Total	LAB74	IGE 68070	82785	Immunology	Container 1 SST tube Preferred 1mL serum Minimum 0.5 mL serum Process Spin and serarate Storage Refrigerate (2-8°C) Transport Refrigerate	FUEA (ImmunoCAP)	See Report	M - F	STAT is required
IGF-1 Calculated Z-Score	LAB095298	IGFZC	84305	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate Transport Send serum frozen	Qnt Chemiluminescent Immunoassay	Call Ref Lab		3 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
IGF-2	LAB8037	LC534	83520	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Process Allow to clot completely at room temperature. Spin and separate within 2 hrs and freeze immediately. Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests.	Qnt Enzyme-Linked Immunosorbent Assay	Call Ref Lab		10 days
IGF-BP3	LAB8038	IGF3	82397	Reference Lab	Container SST tube Preferred 0.5 ml serum Process Spin and separate Transport Send serum frozen	Chemiluminescent Immunoassay	Call Ref Lab		3 days
IgG	LAB71	IGG.1	82784	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium heparin acceptable (20-25°C) up to 4 months Refrigerate (2-8°C) up to 8 months -20°C up to 8 months	Immunoturbidimetric	See Report	M - Su	4 HR
IgG Subclasses	LAB1001	IG.SC	82787 x 4	Reference Lab	Container 1 SST tube Preferred 2 ml serum Minimum 0.45 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	Nephelometry	Call Ref Lab		4 days
IgG, IgA, IgM	LAB9282	IGAMI	82784x3	Chemistry	Container 1 SST Tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lithium heparin acceptable Room temp (20-25°C) up to 2 months Refrigerate (2-8°C) up to 4 months Frozen (-20°C) up to 6 months	Immunoturbidimetric	See Report	M - Su	4 hours
IgH Gene Rearrangement (B cell)	LAB7750	IgH	83890 x 1 83898 x 2 83900 x 1 83894 x 2 83912 x 1	Molecular	3-ml peripheral blood, bone marrow biopsy, bone marrow aspirate anticoagulated with EDTA (Store at 2-8° C (Refrigerate)) or, 5 mm cube of tissue frozen; or at room temperature or on ice in RPMI1640 or, formalin-fixed paraffin embedded tissue	PCR amplification with fluorescent detection	Negative for Rearrange-ment	Batched M - F	7 days, 24 hours TAT for STAT is required
IgM	LAB72	IGM.1	82784	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin acceptable (20-25°C) up to 2 months Refrigerate (2-8°C) up to 4 months -20°C up to 6 months	Immunoturbidimetric	See Report	M - Su	4 hours
Imipramine	LAB684	IMIPR	80335	Reference Lab	Container 1 plain red top Preferred 1 ml serum Minimum .25 ml serum Process Spin and separate within 2 hours Transport Send refrigerated **NOTE** Draw 12 hrs after last dose, No SST tubes	HPLC	Call Ref Lab		4 days
Immune Complex Panel	LAB8042	IMCP.	86632 X 2	Reference Lab	Container SST Tube Preferred TWO 1.5 mL aliquots of serum Process Allow complete clotting of RBCs (up to 1 hr). Spin and separate, freeze immediately Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests	Flow Cytometry (ELISA)	Call Ref Lab		10 days
Immune Profile I w/CBC	LAB999213	IMM1	86355 86359 86360	Immunology	Container 1 Sodium Heparin (green top) Preferred 1 ml Whole Blood Minimum 0.5 ml Process <u>Do Not Spin</u> Storage Room Temperature Transport Room Temperature **NOTE** Includes CD3, CD4, CD8, CD19 and HSR. Can use EDTA (Purple top) if <24 hrs old Must have CBC ordered	Flow Cytometry	See Report	M - F	1-3 days
Immune Profile II w/CBC	LAB999214	IMM2	86355 86359 86360	Immunology	Container 1 Sodium Heparin (green top) Preferred 1 ml Whole Blood Minimum 0.5 ml Process <u>Do Not Spin</u> Storage Room Temperature Transport Room Temperature **NOTE** Includes CD4, CD8 and HSR. Can use EDTA (Purple top) if <24 hrs old Must have CBC Ordered	Flow Cytometry	See Report	M - F	1-3 days
Immune Profile III w/CBC	LAB999215	IMM3	86355 86359 86360	Immunology	Container 1 Sodium Heparin (green top) Preferred 1 ml Whole Blood Minimum 0.5 ml Process <u>Do Not Spin</u> Storage Room Temperature Transport Room Temperature **NOTE** Includes CD3, CD4, CD8 and HSR. Can use EDTA (Purple top) if <24 hrs old Must have CBC Ordered	Flow Cytometry	See Report	M - F	1-3 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Immune Profile IV w/CBC	LAB99216	IMM4	86355 86359 86360	Immunology	Container 1 Sodium Heparin (green top) Preferred 1 ml Whole Blood Minimum 0.5 ml Process <u>Do Not Spin</u> Storage Room Temperature Transport Room Temperature **NOTE** Includes CD4 Can use EDTA (Purple top) if <24 hrs old Must have CBC Ordered	Flow Cytometry	See Report	M - F	1-3 days
Immune Profile V w/CBC	LAB99217	IMM5	86355 86359 86360	Immunology	Container 1 Sodium Heparin (green top) Preferred 1 ml Whole Blood Minimum 0.5 ml Process <u>Do Not Spin</u> Storage Room Temperature Transport Room Temperature **NOTE** Includes CD3 and CD19 Can use EDTA (Purple top) if <24 hrs old Must have CBC Ordered	Flow Cytometry	See Report	M - F	2 days
Immunknow 9000	LAB9467	19000	86353	Reference Lab	Container 1 sodium heparin green top tube Preferred 3 mls whole blood Process Do not spin Transport Send room temp overnight **NOTE** Draw Mon-Fri before 7AM - 1PM. Reg clinics call Temple before collection		Call Ref Lab		3 days
Immunofixation - Serum	LAB8043	SIFX 71920	84165 82784 X 3 86334 84160	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate Note: Serum Only No Hemolysis Room Temperature(20-25°C) up to 1 day Refrigerate (2-8°C) up to 1 week Freeze (-20°C) up to 3 weeks	Electrophoresis	See Report	M - F	24 hours
Immunofixation - Urine (24 Hr)	LAB8044	UIFX 71241	84166 84156 86335	Chemistry	Container: 24 hour Urine Container Preferred: 50 mL aliquot from well mixed 24 hr collection Minimum: 20 mL aliquot from well mixed 24 hr collection Process: Storage: Refrigerate (2-8°C) Transport: Refrigerate Note: Preservative - None Room Temperature(20-25°C) up to 7 days Refrigerate (2-8°C) up to 1 month Freeze (-20°C) up to 6 months	Electrophoresis	See Report	M - F	24 hours
Immunofixation - Urine (Random)	LAB8045	UIFXR 71242	84166 84156 86335	Chemistry	Container: Random Urine Container Preferred: 50 mL of urine Minimum: 20 mL of urine Process: Preservative - None Storage: Refrigerate (2-8°C) Transport: Refrigerate Note: Room Temperature(20-25°C) up to 7 days Refrigerate (2-8°C) up to 1 month Freeze (-20°C) up to 6 months	Electrophoresis	See Report	M - F	24 hours
Immunoglobulin D	LAB8046	IMGD	82784	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated **NOTE** Once spun, specimen cannot be room temp	Qnt Nephelometry	Call Ref Lab		5 days
Immunoglobulin G Subclass 4	LAB8978	IG.S4	82787	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Quant Nephelometry	Call Ref Lab		4 days
Infliximab Activity and Neutralizing Ab	LAB9540	IFLMB	86352 x 2	Reference Lab	Container SST Tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated **NOTE** Collect before infliximab treatment	Cell Culture/Cell function assay/Quant chemiluminescent Immunoassay	Call Ref Lab		5 days
Influenza A/B + RSV PCR	LAB084272	FLRSV	87502 x 1	Molecular	Swab in M4 Viral Transport Media Tracheal, Bronchial or Nasal Aspirates Respiratory secretions (washes or lavages) Store at 2- 8° C (Refrigerate)	Real Time PCR	Negative	M - Sun (schedule changes during active Flu season)	24 hours
Inherited BRCA 1/2 Mutations	LAB333016	IBRCA	81162	Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		3 weeks
Inherited BRCA Performed STAT (Use only for surgery options)	LAB333019	IBRST		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		1 week
Inherited Cancer Panel for Breast Cancer Mutations (9 Genes)	LAB333018	ICPBC		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		3 weeks
Inherited Cancer Panel for Breast/Colon Cancer (46 Genes)	LAB333023	ICBCC		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Inherited Cardiomyopathy Arrhythmogenic Cardiomyopathy Panel (24 Genes)	LAB333025	ICAC		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		
Inherited Colorectal Cancer Panel (19 Genes)	LAB333017	ICCP		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		3 weeks
Inherited Rasopathy Panel (18 Genes)	LAB333024	IRASP		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		
Inherited Seizure/Epilepsy Panel (187 Genes)	LAB333020	ISEPP		Reference Lab	Container Lavender top tube Preferred 4 mls whole blood Process Do not spin Transport Send whole blood room temp overnight If over 48 hrs, send refrigerated		Call Ref Lab		3 weeks
Inhibin B	LAB9313	INHB	83520	Reference Lab	Container SST tube Preferred 0.5 mls serum Process Spin and separate Transport Send serum frozen **NOTE** For premenopausal females, collection is preferred during the follicular phase of the menstrual cycle.	Quant Enzyme-Linked Immunosorbent Assay	Call Ref Lab		10 days
Insect Identification	LAB7913	INSID	87168	Microbiology	Transport insect in a plastic or glass container and store at ambient temperature.	Macroscopically /Microscopy	N/A	M - SU	24 hrs
Insulin	LAB527	INSUL 68080	83525	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin, separate immediately, freeze serum within 24 hrs Storage Frozen Transport Frozen **NOTE** EDTA plasma acceptable If testing will be delayed, serum or plasma should be removed from the clot, serum separator or red blood cells. Freeze (-20°C) up to 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	0 - 23 uU/mL	M - SU	4 hours
Insulin (human) IgE	LAB095283	INSAL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Insulin Ab	LAB649	INSAB	86337	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.1 ml Process Spin and separate Transport Send frozen	RIA	Call Ref Lab		7 days
Insulin Tolerance - Cortisol	LAB8050	CORIT 73820	82533	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **Note** Lithium Heparin acceptable Room Temperature(20-25°C) up to 8 hours Refrigerate (2-8°C) if not done within 8 hours Freeze (-20°C) if not done within 48 hours	Chemiluminescence	See Report	M - Su	4 hours
Integrated Bracanalysis	LAB9613	IBRAC	81211	Reference Lab	Container 10ml lavender top provided in Myriad kit Preferred 10mls whole blood Process Do not spin Transport Send room temp overnight		Call Ref Lab		3 weeks
Interferon Gamma	LAB9312	INFG	83520	Reference Lab	Container SST tube Preferred 1ml serum Process Spin and separate within 2 hrs Transport Send frozen **NOTE** Separate specimens must be submitted for multiple tests	Quant Multiplex Bead Assay	Call Ref Lab		5 days
Interleukin 1 Beta	LAB9203	INT1B	83520	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hours Transport Send serum frozen **NOTE** Separate specimens must be sent when multiple tests are ordered	Quant. Multiplex Bead Assay	Call Ref Lab		5 days
Interleukin 10	LAB750	IL10	83520	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum frozen **NOTE** Separate specimens must be sent for multiple tests.	Qnt Multiplex Bead Assay	Call Ref Lab		5 days
Interleukin 2 Receptor (CD25) Soluble	LAB304511	CD25	83520	Reference Lab	Container SST tube Preferred 1 mL serum Process Spin and separate within 2 hrs Transport Send serum frozen **NOTE** Separate specimens must be sent for multiple tests	Qnt Multiplex Bead Assay	Call Ref Lab		5 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Interleukin-6	LAB332	INL6. LAB332	83520	Chemistry	Container: 1 LHP tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 2 days Room temperature (20-25°C) 6 hours Freeze (-20°C) 24 months	Electrochemiluminescence Immunoassay ECLIA	0 - 7 pg/mL	M - Su	4 hours
Intrinsic Factor Blocking Ab	LAB857	INFBA	86340	Reference Lab	Container: SST Tube Preferred: 1 ml serum Process: Spin and separate Transport: Send serum frozen	ELISA	Call Ref Lab		4 days
Iodine	LAB8054	IODN	83789	Reference Lab	Container: 1 royal blue monoject with no additive Preferred: 1 ml serum Minimum: 0.3 ml serum Process: Allow specimen to clot for 30 minutes. Spin and separate. Transfer into Mayo metal free tube. Do not use pipet Transport: Send refrigerated **NOTE** Disinfectans (such as Betadine) that contain iodine should not be used during venipuncture. If either gadolinium or iodine-containing contrast media has been administered, do not collect specimen for 96 hrs.	ICP-MS	Call Ref Lab		5 days
Iron	LAB94	IRON 11311	83540	Chemistry	Container: 1 LHP tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate as soon as possible Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** SERUM ACCEPTABLE Room Temp. (20-25°C) up to 10 hours Refrigerate (2-8°C) up to 7 days -20°C up to 1 year	Ferene	39 - 150 mcg/dL	M - SU	4 hours
Iron, Liver Tissue	LAB3	IRONT	83540	Reference Lab	Container: Mayo metal free tube Preferred: 2 mg liver tissue Minimum: Process: Transport: Send refrigerated	ICP-MS	Call Ref Lab		5 days
Islet Cell Ab	LAB8056	ISL.G	86341	Reference Lab	Container: 1 SST tube Preferred: 1 mL serum Minimum: 0.5 mL serum Process: Spin and separate ASAP Transport: Send refrigerated	IFA	Call Ref Lab		4 days
Isoy Anate HDI IgE	LAB085701	IHDI	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Isoyanate MDI IgE	LAB085702	IMDI	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Isoyanate TDI IgE	LAB095308	ITDI	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Itraconazole	LAB8065	ITRCN	80189	Reference Lab	Container: 1 plain red top tube Preferred: 1 ml serum Minimum: 0.2 ml serum Process: Spin and separate Transport: Send refrigerated **NOTE** No SST tubes	HPLC	Call Ref Lab		3 days
JAK2	LAB8066	JAK2	81270 G0452	Molecular	10 mls of EDTA blood (purple top) 7 mls minimum Store at 2- 8° C (Refrigerate)	Real-time Quantitative PCR	Negative (wildtype)	Batched M - F	3-5 days
Japanese Cedar IgE	LAB0700100	CEDRJ	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
JO 1 Antibody	LAB770	JO1P	86235	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	Multiplex Immunoassay	Negative	M - F	1-3 days
Johnson IgE	LAB090624	JGRASS	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Joint Infection Panel	LAB304940003	JIP	87999	Molecular	Specimen: Synovial fluid in sterile container without the presence of preservatives Container: Sterile container Minimum: 500 uL Storage: 2-8° C (Refrigerate) Transport: 2-8° C (Refrigerate)	Multiplex PCR	Not Detected	M-Sun	16 hours

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Kappa/Lambda Quant Free Light Chains w/Ratio	LAB735	KLQFL	83883 x 2	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Quant Nephelometry	Call Ref Lab		5 days
Kennedy Disease	LAB7877	KENN	81401	Reference Lab	Container: EDTA purple top tubes Preferred: 5 mls whole blood (adult) Process: Do not spin Transport: Send room temp **NOTE** Requisition & consent form must accompany specimen	PCR	Call Ref Lab		3 weeks
Kentucky Blue (June) Grass IgE	LAB090734	KBGRS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Keppra (Levetiracetam)	LAB0850021	KPPRA	80177	Chemistry	Container 1 Plain Red Top Tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and Separate within 2 hours Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum Only - DO NOT USE GEL SEPARATORS Room temperature (24-30°C) up to 2 hours Refrigerate (2-8°C) up to 1 week Sample may be frozen (≤10°C) up to 4 weeks	Enzyme Immunoassay	12 - 46 mcg/mL	M - Su	4 hours
Kidney Bean (red) IgE	LAB0700186	BEANK	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
KIT (D816V) Mutation by PCR	LAB75000662	KD816	81273	Reference Lab	Container EDTA lavender top tube Preferred 5 mls whole blood or 3 mls bone marrow Process Do not spin Transport Send whole blood or bone marrow refrigerated	PCR	Call Ref Lab		8 days
Kiwi IgE	LAB0700187	KIWI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Kleihauer Betke Stain	LAB762	FMAR	85460	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Acid-Elution Stain	NA		7 days
KRAS Mutation Detection	LAB8067		81275 G0452	Molecular	Specimen Formalin-fixed paraffin embedded tissue block Container Sterile container Minimum Need adequate tumor specimen in block Storage Room Temperature Transport Ambient	Pyrosequencing	Negative	Batched M - F	5-7 days
Lacosamide (Vimpat)	LAB9620	LMIDE	80339	Reference Lab	Container Plain red top tube Preferred 1 mL serum Process Spin and separate within 2 hours Transport Send serum refrigerated	HPLC/MS	Call Ref Lab		6 days
Lactate (Lactic Acid)	LAB95	LA 14130	83605	Chemistry	Container 1 Sodium Fluoride (Grey top) tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate as soon as possible Storage Refrigerate (2-8°C) Transport Frozen **NOTE** Do not use tourniquet Potassium Oxalate is acceptable Separated plasma specimens may be stored refrigerated at 2-8°C or frozen at -20°C or colder for up to 3 days prior to being tested.	Lactate to Pyruvate	0.5 - 2.2 mmol/L	M - SU	4 hours
Lactate Dehydrogenase (LD)	LAB9477	LDHBF	83615	Reference Lab	Container: Sterile container Preferred: 1 ml body fluid Process: Spin to remove cellular material Transport: Send body fluid ambient	Photmetric	Call Ref Lab		2 days
Lactate to Pyruvate Ratio, Whole Blood	LAB095095	LPVWB	84210 83605	Reference Lab	Container Special tube provided by ARUP Preferred 2 mls supernatant Process Test may only be processed at McLane Children's Hospital Lab Call for Instructions Transport Send supernatant frozen	Quant Enzymatic			3 days
Lactic Acid CSF	LAB187	LCTIC	83605	Reference Lab	Container Sterile container Preferred 0.5 ml CSF Minimum 0.2 ml CSF Process Collect on ice, centrifuge & separate cellular material. Transport Ship supernatant frozen **NOTE** Separate specimens must be sent for multiple tests	Quant Enzymatic	Call Ref Lab		2 days
Lamb (Mutton) IgE	LAB0700189	LAMB	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Lamb's Quarters (goosefoot) IgE	LAB090695	LAMBQ	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Lamictal	LAB8069	LAMOT	80175	Reference Lab	Container: Plain red top tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Quant EIA	Call Ref Lab		2 days

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Langust (Spiny Lobster) IgE	LAB095329	LANG	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Latex IgE	LAB090737	LATEX	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
LDH	LAB96	LDH 12100	83615	Chemistry	Container 1 SST tube Preferred 2mL serum Minimum 1mL serum Process Spin and separate Storage Room temperature or refrigerate (2-8°C) Transport Room temperature or refrigerate (2-8°C) **NOTE** Lithium heparin acceptable Plasma must be taken off gell and respun prior to testing Room temperature up to 7 days Refrigerate (2-8°C) up to 4 days Freeze (-20°C) up to 6 weeks No hemolysis	Lactate to Pyruvate	See Report	M - SU	4 hours
LDH - Body Fluid	LAB188	LDHF 12103	83615	Chemistry	Container: Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Free of particulate matter or RBCs Storage: Room temperature or refrigerate 48-hours Transport: Room temperature or refrigerate NOTE: Samples can be refrigerated (20-25° C) up to 48-hours DO NOT FREEZE	L-Lactate NAD to NADH	No Reference Range Available	M - SU	4 hours
LDH Isoenzymes	LAB97	LDHIS	83615 83625	Reference Lab	Container 1 SST tube Preferred 2 mls serum divided into 2 tubes of 1 ml each Minimum 0.75 ml serum Process Spin and separate Transport Send room temp **NOTE** Specimens cannot be frozen.	Electrophoresis Densitometry/Photometric Rate	Call Ref Lab		3 days
LDL Cholesterol Direct	LAB9458	LDLDR	83721	Reference Lab	Container: 1 SST tube Preferred: 1 mls serum Process: Allow specimen to clot completely at room temp. Spin and separate within 2 hrs. Transport: Send serum refrigerated	Ont Detergent Solubilization/Enzymatic	Call Ref Lab		2 days
Lead Blood Venous	LAB0700546	LEADB	83655	Reference Lab	Container Royal blue EDTA Preferred 3 mls whole blood Process Do not spin Transport Send room temp or refrigerated	Qnt Inductively Coupled Plasma Mass Spec	Call Ref Lab		4 days
Lead to State	LAB8072	LEADS	83655	Reference Lab	Container 1 EDTA purple top provided by TDSHS Preferred 1 ml whole blood Process Do not spin Transport Send room temp		Call Ref Lab		10 days
Lead, Urine	LAB8074	PBUR	83655	Reference Lab	Container 24 hr or random urine container with no preservative Preferred 8 mls urine Process Pour off into metal free tube Transport Send urine refrigerated **NOTE** Diet, medication and nutritional supplements may introduce interfering substances Patients should be encouraged to discontinue nutritional supplements, minerals and non-essential over-the-counter medications (upon the advice of their physician). High concentrations of iodine may interfere with elemental testing. Collection of urine specimens from patients receiving iodinated or gadolinium-based contrast media should be avoided for a minimum of 72 hours post-exposure. Collection from patients with impaired kidney function should be avoided for a minimum of 14 days post-contrast media exposure.	Quantitative Inductively Coupled Plasma-Mass Spectrometry	Call Ref Lab		7 days
Leflunomide Metabolite (Arava)	LAB7737	LC530	80193	Reference Lab	Container 1 plain red top tube Preferred 1ml serum Process Spin and separate within 2 hrs Storage Send refrigerated **NOTE** No SST tubes Predose (trough) draw Obtain specimen 12-24 hours after last dose	LC/MS/MS	Call Ref Lab		8 days
Legionella Urinary Antigen	LAB886	LEGUI	87449	Microbiology	Collect urine in a sterile container, yellow and/or grey top urine tubes. Transport Specimens can be stored at ambient temperature up to 24 hours. If longer than 24 hours can be stored in refrigerated temperature (2 - 8° C) up to 2 days.	Enzyme Immunoassay (EIA)	Negative	M - SU	2 hrs
Leishmania Ab IgG	LAB1248	LSHAB	86717	Reference Lab	Container SST tube Preferred 0.5 ml serum Process Spin and separate Transport Send serum refrigerated	Semi-Qnt Immunoassay	Call Ref Lab		8 days
Lemon IgE	LAB0700192	LEMON	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Lentil IgE	LAB0700193	LENTL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Leptospira Ab IgM	LAB1249	LEPGM	86720	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Qualitative Immunoblot	Call Ref Lab		6 days

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Lettuce IgE	LAB0700195	LETUC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Leukemia/Lymphoma Panel - Blood	LAB999241	LLYMB	88184 88185 & 88187 or 88188 or 88189	Immunology	Container 1 Sodium Heparin Green top Preferred 5 ml Whole Blood Minimum 2 ml Process DO NOT SPIN Storage Room Temperature Transport Room Temperature **NOTE** Must have CBC ordered Can use EDTA (Purple top) if <24hrs old	Flow Cytometry	See Report	M - F	1-3 days
Leukemia/Lymphoma Panel - Other	LAB8076	LLYMP	88184 88185 & 88187 or 88188 or 88189	Immunology	Container Bone Marrow - Sodium Heparin Green Top. Other specimen types - Please call the Immunology Lab for specimen requirements Process DO NOT SPIN Storage Bone Marrow - Room Temperature Other Specimen Types - Refrigerate (2-8°C) Transport Bone Marrow - Room Temperature Other Specimen Types - Refrigerate (2-8°C) **NOTE** Must have CBC ordered	Flow Cytometry	See Report	M - F	1-3 days
Leukocyte Lysosomal Enzyme	LAB8077	LLENZ	86821	Reference Lab	Container: Sodium heparin green top tube Preferred: 8 mls whole blood Minimum: Process: Do not spin Transport: Send room temp overnight Note: Clinical history must accompany specimen. Do not draw Friday or Mon-Thurs after 2 pm. Call Ref Lab to alert of draw.		Call Ref Lab		3 weeks
Lidocaine	LAB685	LID	80176	Reference Lab	Container 1 plain red top tube Preferred 0.5 ml serum Minimum 0.25 ml serum Process Spin and separate Transport Send refrigerated **NOTE** No SST tubes	Immunoassay	Call Ref Lab		2 days
Lima Bean IgE	LAB095362	LIMA	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Lime IgE	LAB0700196	LIMEF	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Linseed IgE	LAB095316	LINSE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Lipase	LAB99	LIPAS	83690	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum or Sodium Heparin acceptable Room Temperature(20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	Quinone Dye	8 - 78 U/L	M - SU	4 hours
Lipase, Body Fluid	LAB8996	LIP.F	83690	Chemistry	Container: Sterile Container Preferred: 5 mL Body Fluid Minimum: 1 mL Body Fluid Process: Centrifuge Storage: Refrigerate (2-8°C) up to 7 days Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 24 hours Freeze (-20°C) up to 1 year	Quinone Dye	No Reference Range Available	M - SU	4 hours
Lipoprotein A	LAB9284	LIPA	83695	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Allow serum to clot completely at room temperature. Spin and separate within 2 hours. Transport: Send serum frozen	Automated Turbidimetric Assay	Call Ref Lab		2 days
Lipoprotein Metabolism Profile	LAB8080	LIPMP	80061 82172 83700	Reference Lab	Container 1 plain red top tube Preferred 5 mls serum Minimum 2 mls serum Process Spin and separate Transport Send refrigerated **NOTE** Pt must be fasting 12-14 hrs and must not consume any alcohol for 24 hrs prior to draw.	Ultracentrifugation/Electrophoresis/Automated Enzymatic Colorimetric Analysis	Call Ref Lab		4 days
Listeria Antibody	LAB304670023	LSTAB	86609	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate Transport Send serum refrigerated	Semi-Qnt Complement Fixation	Call Ref Lab		8 days

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Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Lithium	LAB29	LI 17350	80178	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Sodium Heparin acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 6 months	Colorimetric	0.5 - 1.5 mEq/L	M - SU	4 hours
Liver-Kidney Microsome Ab, IgG	LAB7727	LKM	86376	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin and separate Transport: Send serum refrigerated	Semi-Qnt Indirect Fluorescent Ab	Call Ref Lab		4 days
Lobster IgE	LAB090747	LOBTR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 mL serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Lorazepam	LAB8081	LORAZ	80346	Reference Lab	Container: 1 SST tube Preferred: 2 mL serum Process: Spin and separate Transport: Send room temp, refrigerate if over 3 days	GC-EC	Call Ref Lab		10 days
Loxitane	LAB8082	LOXIT	80342	Reference Lab	Container: 1 SST tube Preferred: 2 mL serum Process: Spin and separate Transport: Send room temp, if over 3 days - refrigerate	GC-NPD	Call Ref Lab		10 days
LSD	LAB455	LS DUR	80307	Reference Lab	Container: Random urine container Preferred: 20 mL urine Process: Protect from light Transport: Send room temp or refrigerate if over 3 days	IA	Call Ref Lab		10 days
Lung HLA Antibody Class I & II Identification	LAB9155	LGID	86832 86833	HLA	3 to 5 cc of blood in a red top serum or SST tube. Plasma is okay. Please let lab know if patient has been transfused in past 7 days.	Multiplex Immunoassay or Flow Cytometry	See Report	M - F	48 hours
Lung HLA Antibody Class I & II Screen	LAB9163	LG PRA	86830 86831	HLA	3 to 5 cc of blood in a red top serum or SST tube. Plasma is okay. Please let lab know if patient has been transfused in past 7 days.	Multiplex Immunoassay or Flow Cytometry	Negative or 0%	M - F	24 hours
Lung Transplant Final Crossmatch	LAB9156	LGXM	86825 86826	HLA	3 to 5 cc of blood in one serum or SST tube on recipient	Flow Cytometry	See Report	M - Su	7 days
Lung TX HLA Class I (ABC) Type	LAB9158	LGHLA	81372	HLA	10 mL of blood in ONE yellow top (ACD-A) tube. Do not refrigerate. Store at room temperature. Notify lab if patient has been transfused. EDTA is okay.	PCR - SSP	See Report	M - F	7 days
Lung TX HLA Typing Complete (ABC & DRDQ)	LAB9157	LG TYP	81370	HLA	20 mL of blood in two yellow top (ACD-A) tubes. Do not refrigerate. Store at room temperature. Notify lab if patient has been transfused. EDTA is okay.	PCR - SSP	See Report	M - F	7 days
Lung TX Transplant HLA Class II (DRDQ) Type	LAB9195	LG HLD	81375	HLA	10 mL of blood in ONE yellow top (ACD-A) tube. Do not refrigerate. Store at room temperature. Notify lab if patient has been transfused. EDTA is okay.	PCR - SSP	See Report	M - F	3 days
Lupus Anticoagulant Screen with Reflex Panel	LAB478	LARP	85610 86730 85613	Reference Lab	Container: 2 tubes sodium citrate (light blue top); fill between min and max fill line. Preferred: 2 mL platelet poor plasma each into 2 plastic aliquot tubes preferably screw top aliquot tubes Minimum: Same as preferred volume Process: Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots. Storage: Freeze plasma (Do not use a frost free freezer!) Transport: Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Clot Detection	Call Ref Lab		3 days
Lutenizing Hormone (LH)	LAB8078	LH 67030	83002	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** K-EDTA Acceptable If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells and store at 2-8°C. Refrigerate (2-8°C) up to 7 days Freeze (<-10°C) if not performed in 7 days	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 hours
Lyme Ab IgG and IgM Immunoblot	LAB304512	LYMIB	86617 x 2	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Qualitative Immunoblot	Call Ref Lab		5 days
Lyme Total (IgG/IgM) Antibody	LAB8083	LYMET	86618	Immunology	Container: 1 SST tubes Preferred: 1 mL Serum Minimum: 0.5 mL Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	Negative	Batched per workload	1-7 days
Lymphocyte Ag/Mitogen Profile	LAB8085	L.A.M.P	86353 X 5	Reference Lab	Container: Sodium heparin green top tubes Preferred: 10 mL whole blood Process: Do not spin Transport: Send room temp, do not refrigerate or freeze **NOTE** Draw sodium heparin green top control from a healthy, unrelated person . Must be shipped same day, must be in Ref Lab for Temple Region by 12 pm. Do not draw Friday or Saturday. Yellow ACD solution A tubes are also acceptable.	Cell Culture	Call Ref Lab		10 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Lysozyme	LAB8086	LYZYM	85549	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Quantitative ELISA	Call Ref Lab		7 days
M. Pneumonia Abs IgG & IgM	LAB8087	MPNM	86738 X 2	Reference Lab	Container 1 SST tube Preferred 0.5 mL serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	EIA	Call Ref Lab		4 days
Mace IgE	LAB095350	MACE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mackeral, Chub IgE	LAB095330	CHUB	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mackeral, Jack IgE	LAB095331	JMACK	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mackerel IgE	LAB095332	MACK	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Magnesium	LAB1033	MG 17450	83735	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum or Sodium Heparin acceptable Room Temperature(20-25°C) up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 1 year	Arsenazo	See Report	M - SU	4 hours
Magnesium, RBC	LAB9990	MGRBC	83735	Reference Lab	Container Royal blue EDTA Preferred 2 mls RBCs Process Spin and separate RBCs from plasma within 2 hours of collection. Transfer RBCs to a metal free tube Transport Send refrigerated	MS	Call Ref Lab		5 days
Maize, Corn Pollen IgE	LAB0700126	MAZEP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Maleic Anhydride IgE	LAB095324	MALEI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Malt IgE	LAB0700200	MALT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mandarin IgE	LAB095290	MANDR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Manganese	LAB1050	MANG	83785	Reference Lab	Container 1 royal blue Monoject with no additive Preferred 2 mls serum Minimum 0.5 mls serum Process Do not allow serum to remain on cells. Spin and separate within 2 hrs, pour into metal free tube, do not use pipet. Transport Send room temperature	DRC-ICP-MS	Call Ref Lab		6 days
Mango IgE	LAB0700201	MANGO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Marjoram IgE	LAB095351	MARJO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mata Abs	LAB8088	MATA	83520	Reference Lab	Container 1 SST tube Preferred 2 mls serum Process Spin and separate Transport Send room temp overnight. Refrigerate if not shipped same day.	Western blot	Call Ref Lab		3 weeks

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Maternal Serum Screen, AFP, hCG, Estiol, Inhibin A	LAB7893	MSS	81511	Reference Lab	Container SST Tube Preferred 3 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated **NOTE** Draw between 14 weeks, 0 days and 24 weeks, 6 days gestation	Qnt Chemiluminescent Immunoassay	Call Ref Lab		4 days
Measles (Rubeola) IgM	LAB9478	MSIGM	86765	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.1 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	IFA	Call Ref Lab		7 days
Measles IgG Antibody	LAB8089	MEASG	86765	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-Su	1-3 days
Megrim IgE	LAB095333	MEGRM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Melons IgE	LAB095249	MELON	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Meningitis/Encephalitis Panel by PCR	LAB85002	MEPCR	87483	Molecular	Container 1 ml CSF in a sterile container Minimum 0.5 ml Storage Freezer (-20°C) Transport Frozen	Multiplex PCR	Negative	as needed	24 hours
Meperidine Urine	LAB070011	MPRDN	80362	Reference Lab	Container Random urine container Preferred 20 mls urine Transport Send room temp	MS	Call Ref Lab		10 days
Mercury	LAB090711	MRCB	83825	Reference Lab	Container 1 royal blue monoject tube with EDTA Preferred 7 mls whole blood Process Do not spin Transport Send refrigerated in original container	ICP-MS	Call Ref Lab		4 days
Mercury Urine	LAB9162	MERU	83825	Reference Lab	Container 24 hr urine or random container with no preservative, refrigerate during collection. Preferred 8 mls urine Process Pour off into metal free tube Transport Send urine refrigerated **NOTE** Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals and non-essential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Collection of urine specimens from patients receiving iodinated or gadolinium-based contrast media should be avoided for a minimum of 72 hours post-exposure. Collection from patients with impaired kidney function should be avoided for minimum of 14 days post-contrast media exposure.	Quantitative Inductively Coupled Plasma-Mass Spectrometry	Call Ref Lab		6 days
Mesquite IgE	LAB090625	MESQU	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Metachromatic Leukodystrophy	LAB8092	METAC	82657	Reference Lab	Container: 1 sodium heparin green top Preferred: 5 mls whole blood Minimum: Process: Do not spin Transport: Send room temp overnight		Call Ref Lab		3 weeks
Metanephrines Fractionated Urine	LAB090905	METFU	83835	Reference Lab	Container 24 hr urine container with no preservatives or random urine. Refrigerate during collection. Preferred 4 mls urine Minimum 2.5 mls urine Process Adjust pH to 2-4 with 6M hcl. Aliquot into plastic tube Storage Send refrigerated **NOTE** If possible, abstain from medications for 72 hrs prior to collection	LC-MS/MS	Call Ref Lab		5 days
Metanephrines, Plasma	LAB8094	PLMET	83835	Reference Lab	Container: 1 EDTA purple top tube Preferred: 1 mls plasma Minimum: 0.3 ml plasma Process: Spin and separate within 1 hour Transport: Send frozen	LC-MS/MS	Call Ref Lab		5 days
Metformin (Glucophage)	LAB8095	METF	80375	Reference Lab	Container: 1 plain red top tube Preferred: 1 mls serum Process: Spin and separate Transport: Send refrigerated **NOTE** No SST tubes	HP/LC/MS	Call Ref Lab		10 days
Methemoglobin	LAB91	METHG 14536	83050	Chemistry	Container: 3 mL sodium heparin green top tube (no gel) Preferred: 2 mL whole blood Minimum: 1 mL whole blood Process: DO NOT SPIN. DO NOT UNCAP. Storage: Refrigerate (2 - 8°C) Transport: Refrigerate (2 - 8°C) **NOTE** Assay within 72 hours <u>Alternative collection:</u> Can draw 1 mL blood in blood gas syringe but MUST be tested within 30 minutes of collection. If at McLane Children's refer to MCH Collection Manual	Spectrophotometric	0.0 - 1.5%	M - SU	1 hour

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Methemoglobin & Sulfhemoglobin	LAB8314	METHE	83050 83060	Reference Lab	Container: 1 EDTA purple top tube Preferred: 1 full tube Minimum: 1 ml Process: Do not spin Transport: Send refrigerated **NOTE** Specimen must arrive within 72hrs of draw.	SP	Call Ref Lab		4 days
Methotrexate	LAB481	MTX 73505	80299	Chemistry	Container: 1 LHP tube Preferred: 2 ml plasma Minimum: 1 ml plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Refrigerate (2-8°C) up to 14 days Freeze (-20°C) if not done within 14 days	Enzyme Immunoassay (EIA)	No Reference Range Available	M - SU	4 hours
Methylenetetrahydrofolate Reductase Mutations	LAB9232	MTHFG	81291 G0452	Molecular	Container: 1 EDTA lavender top tube Preferred: 3 mls whole blood Minimum: 1 ml whole blood Storage: Send blood refrigerated	Multiplex PCR		Batched M - F	10-14 days
Methylmalonic Acid Serum (Metabolic Disorders)	LAB835	MMAMD	83921	Reference Lab	Container: SST tube Preferred: 2 mls serum Process: Spin and separate within 2 hrs Transport: Send serum frozen	Quant LC-MS	Call Ref Lab		6 days
Methylphenidate Metabolite Urine	LAB0700010	METPD	80360	Reference Lab	Container: Random urine container Preferred: 20 mls urine Transport: Send room temp	LC/MS	Call Ref Lab		7 days
MG Evaluation with Musk Reflex	LAB75000694	MGMR	83519	Reference Lab	Container: SST tube Preferred: 3 mls serum Process: Spin and separate Transport: Send serum refrigerated **NOTE** Patient should have no general anesthetic or muscle-relaxant drugs in the previous 24 hrs.	RIA / Flow cytometry	Cal Ref Lab		12 days
MGMT Gene Methylation	PATHOLOGIST ORDER ONLY		81287 G0452	Molecular	Specimen: Formalin-fixed paraffin embedded tissue block Container: Sterile container Minimum: Need adequate tumor specimen in block Storage: Room Temperature, Refrigerate FNA samples Transport: Ambient	Pyrosequencing	Negative	Batched M - F	7-10 days
MI-2	LAB9758	MI-2	83516	Reference Lab	Container: Plain red top Preferred: 1 ml serum Process: Spin and separate Transport: Send serum refrigerated	IPP	Call Ref Lab		3 weeks
Microalbumin - Urine (24 Hr)	LAB8102	MAI 71780	82043	Chemistry	Container: 24 hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Refrigerate (2-8°C) up to 14 days -70 up to 5 months	Turbidimetric / Immunoturbidimetric	0 - 2.00 mg/dL 0 - 20 mcg/min	M - Su	4 hours
Microalbumin - Urine (Random)	LAB090401	MARI 71783	82043	Chemistry	Container: Random Urine Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Centrifuge Preservative: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Refrigerate (2-8°C) up to 6 days	Turbidimetric / Immunoturbidimetric	See Report	M - Su	4 hours
Microsatellite Instability PCR	LAB8104	MIPCR	81301 G0452	Molecular	Specimen: Formalin-fixed paraffin embedded tissue samples Container: Sterile container Minimum: Must send normal and tumor tissue in separate blocks Storage: Room Temperature Transport: Ambient	Capillary Gel Electrophoresis	Negative	Batched M - F	7 days, 24 hours TAT for STAT is required
Milk IgE	LAB090576	MILK	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Milk, Goat IgE	LAB095280	MILKG	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Milk, Mare IgE	LAB095281	MILKM	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Milk, Processed (boiled) IgE	LAB095282	MILKP	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Millet, Foxtail IgE	LAB095296	MILLF	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Millet, Japanese IgE	LAB095398	MILLJ	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mitotane	LAB09001	MITOT	80375	Reference Lab	Container Plain red top tube Preferred 2 mls serum Process Spin and separate Transport Send serum refrigerated **NOTE** No SST tubes	GC/FID	Call Ref Lab		10 days
Mixing Studies - aPTT	LAB7735	SBPTT	85730	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 1.0 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	25.1 - 36.5	M - F	2 HR
Mixing Studies - PT	LAB095173	PTMS	85610	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 1.0 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	9.4 - 12.5	M - F	8 days
MMP-9 (Matrix Metalloproteinase-9)	LAB500124	MMP9	83520	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate Transport Send serum frozen **NOTE*** Separate specimens must be sent for multiple tests	ELISA	Call Ref Lab		10 days
Mold Panel IgE Helmithosporium halodes, Penicillium chrysogenum	LAB095378	MOLD1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mosquito SPP IgE	LAB0700205	MOSPP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Moth IgE	LAB095307	MOTH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mountain Cedar (Juniper) IgE	LAB0700101	MCEDR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mouse Epithelium IgE	LAB0700206	MOUSE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mouse Serum Protein IgE	LAB095274	MOUSP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mouse Urine Protein IgE	LAB085552	MOUUP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
MRSA PCR	LAB8109 LAB8108	MRSAO (out patients) MRSAl (infection control) MRSAA (ref lab-4medica)	87641 x 1	Molecular	Double nasal swab in a copan collection device (liquid stuart media) stored at 2-8 (refrigerated).	Real-Time PCR	Negative	Batched M - F	48 HR
MRSA Screen	LAB234	MRSA	87081	Microbiology	Collect Eswab. Transport Store at refrigerated temperature (2 - 8° C) up to 48 hours.	Bacterial culture	No MRSA isolated	M - SU	48 hrs
Mucopolysaccharides Qnt Urine	LAB8110	MPSQT	83864	Reference Lab	Container Random urine container Preferred 10 mls Process Freeze immediately Transport Send urine frozen **NOTE** Morning void is preferred	Spectrophotometry	Call Ref Lab		10 days

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Mucor IgE	LAB090765	MUCOR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mugwort IgE	LAB090766	MUGWO	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mulberry IgE	LAB0700209	MULBY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mumps Ab IgM	LAB161	MPS.M	86735	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	ELISA	Call Ref Lab		7 days
Mumps IgG Antibody	LAB160	MUMPG	86735	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-Su	1 - 3 days
Muscle Specific Kinase (MUSK) Ab IgG	LAB75000639	MUSKG	83519	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Qnt RIA	Call Ref Lab		10 days
Mushroom IgE	LAB0700210	MUSH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Mustard IgE	LAB0700211	MUSTD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Myasthenia Gravis/Lambert Eaton Eval	LAB75000697	MGLE	83519 x2	Reference Lab	Container SST tube Preferred 3 mls serum Process Spin and separate Transport Send serum refrigerated **NOTE** Patient should have no general anesthetic or muscle-relaxant drugs in the previous 24 hrs	RIA/Flow cytometry	Call Ref Lab		12 days
Mycobacterium Differential (CSF)	LAB8115	TBCSF	87561 x 2 87556 x 1	Molecular	1 ml CSF 0.5 ml minimum requirement *Freeze specimen within 6 hrs	Real Time PCR	Negative	As needed	24 hours
Mycobacterium Differential (Other)	LAB9862	TBDiff TBDIF	87561 x 2 87556 x 1	Molecular	Paraffin Embedded Tissue specimen 5 ml Sputum, BAL, Bronchial Secretion, Pleural Fluid Store at 2-8° C (Refrigerate)	Real Time PCR	Not Detected	Batched M - F	1-3 days
Mycobacterium Tuberculosis with rifampin resistance	LAB070710	MTPCR	87491 x 1	Molecular	Transbronchial biopsies 5 ml Sputum, BAL, Bronchial Secretion, Pleural Fluid Store and transport at 2-8°C	Real Time PCR	Not Detected	Batched M-F	1-3 days
Mycophenolic Acid and Metabolites	LAB8116	MYCOP	80180	Reference Lab	Container: Plain red top tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Quant LC-MS	Call Ref Lab		5 days
Mycoplasma Genitalium PCR	LAB084468	MGPCR	87798 x 1	Molecular	Specimen Genital Swab in APTIMA Collection Device Container APTIMA Collection Device Minimum 1.0mL Storage 2-30°C Transport Keep cool	Target Amplification	Negative	Batched M - F	5 days
Myelin Associated Glycoprotein (MAG) IGM	LAB9972	MAGM	83516	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Semi-Qnt ELISA	Call Ref Lab		5 days
Myelin Oligodendrocyte Glycoprotein (MOG) Ab	LAB3330046	MOG	86255	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate Transport Send serum refrigerated	Semi-Qnt Indirect Fluorescent Ab	Call Ref Lab		7 days
Myeloid Neoplasm Mutation Panel by NGS	LAB750000714	MYNGS	81455 G0452	Molecular Pathology NGS Lab	Preferred Minimum of 500ul of peripheral blood or bone marrow aspirate in EDTA	Next-Generation Sequencing	N/A	M, Th	7-10 days
Myoglobin Serum	LAB105	MYOGS	83874	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Minimum 0.2 ml serum Process Allow specimen to clot completely at room temp. Spin and separate within 2 hrs. Transport Send refrigerated **NOTE** SST, sodium or lithium heparin plasma or EDTA plasma acceptable.	Electrochemiluminescent Immunoassay	Call Ref Lab		2 days
Myoglobin, Urine	LAB412	MYOGU	83874	Reference Lab	Container Random urine container Preferred 4 mls urine Minimum 0.5 ml urine Process Thoroughly mix entire collection then aliquot no more than 4 mls into ARUP myoglobin transport tube immediately. Transport Send urine frozen	Qnt Electrochemiluminescent Immunoassay	Call Ref Lab		2 days

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Myositis Extened Panel	LAB07078	MYEXP	83516x8 8623x6 84182x4	Reference Lab	Container: SST tube Preferred: 3 separate 1 ml aliquots serum Process: Spin and separate within 2 hours Transport: Sed serum refrigerated	Semi-Quant ELISA/Qualitative Immunoprecipitation/Sem i- Quant <ultiplex Bead Assay/Qualitative Immunoblot	Call Ref Lab		3 weeks
Myotonic Dystrophy	LAB1386	MYTDS	81401	Reference Lab	Container: EDTA purple top tubes Preferred: 5 mls whole blood (adult) Process: Do not spin Transport: Send room temp **NOTE** Requisition & consent form must accompany specimen	PCR	Call Ref Lab		3 weeks
Narcolepsy Associated Antigen Screen	LAB8121	NARCA	81383	HLA	One 10 ml yellow top (ACD-A) tube or EDTA tube. Do not refrigerate. Do not spin. Keep at room temperature.	PCR-SSP	Present or not present	M - F	48 HR
Nasopharynx (NP) Culture	LAB229	NPCU	87070	Microbiology	Use an Eswab to collect posterior nasopharynx Transport: Send to the laboratory within 2 hours at ambient temperature. Specimen can be stored at ambient temperature up to 24 hours.	Bacterial culture	Normal upper respiratory flora	M - SU	48 hrs
Natural Killer (CD16 + CD56) Profile w/CBC	LAB999251	NKPRO	86355 86357 86359 86360	Immunology	Container: 1 Sodium Heparin Green top Preferred: 1 ml Whole Blood Minimum: 0.5 ml Process: DO NOT SPIN Storage: Room Temperature Transport: Room Temperature **NOTE** Includes CD3, CD4, CD8, CD19, CD16 + CD56 and HSR. Can use EDTA (Purple top) if < 24 hrs old Must have CBC Ordered	Flow Cytometry	See Report	M - F	1-3 days
Neisseria Gonorrhoea PCR	LAB7945	PCRC	87591 x 1	Molecular	Specimen: Genital Swab in APTIMA Collection Device Container: APTIMA Collection Device Minimum: 1.0mL Storage: 2-30°C Transport: Keep cool	Target Amplification	Negative	Batched M - F	1-3 days
Neisseria Gonorrhoea PCR Urine	LAB7945	PCRC	87591 x 1	Molecular	Preferred Specimen: Urine in APTIMA Collection Device Container: Urine APTIMA Collection Device or sterile urine container Minimum: 1.0mL Storage: 2-30°C Transport: Keep cool	Target Amplification	Negative	Batched M - F	1 - 3 days
Nettle IgE	LAB0700213	NETTL	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Neuron Specific Enolase	LAB8123	NRSE	86316	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Allow specimen to clot completely at room temperature. Spin and separate within 2 hrs Transport: Send serum refrigerated	Qnt Immunoassay	Call Ref Lab		5 days
Neuronal Nuclear (Hu, Ti, Yo and Amphiphysin) Abs IgG	LAB9483	NNGIB	83516	Reference Lab	Container: SST Tube Preferred: 1 ml serum Process: Spin and separate within 2 hours of collection Transport: Send serum refrigerated.	Qualitative Immunoblot	Call Ref Lab		5 days
Neurontin	LAB9305	NRTN	80171	Reference Lab	Draw one plain red top tube immediately prior to next dose. Spin down and pour off within 2 hrs. Send serum refrigerated. No SST tubes.	HPLC	Call Ref Lab		8 days
Neutrophil Oxidative Burst Assay	LAB8126	DHR	86352	Reference Lab	Container: Sodium heparin green top tube Preferred: 3 mls whole blood Process: Do not spin. Draw control from healthy unrelated person Transport: Send room temp only, cannot be refrigerated or frozen. **NOTE** Must be in Reference Lab by 12PM. Do not draw Sat or Sun	Flow Cytometry	Call Ref Lab		4 days
Newborn Screen TDH Expanded	LAB8127	TXEXN		Reference Lab	Container: Filter paper card from TDSHS Preferred: 5 complete blood dots Process: Let air dry completely Transport: Send room temp		Call Ref Lab		10 days
Niacin	LAB9453	NIAC	84591	Reference Lab	Container: EDTA Lavender top tube Preferred: 1 ml plasma Process: Spin and separate within 2 hours Transport: Send plasma frozen **NOTE** Separate specimens must be submitted for multiple tests	HPLC/Tandem Mass Spec	Call Ref Lab		10 days
N-Methyl-D Asparate Receptor Ab IgG	LAB9538	NMDA	86255	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Semi-Quant Indirect Fluorescent Ab	Call Ref Lab		4 days
N-Methylhistamine 24 hr	LAB75000673	NMH24	82542	Reference Lab	Container: 24 hr urine container with no preservative Preferred: 5 mls urine Process: Aliquot into plastic tube Transport: Send urine refrigerated **NOTE** Patient must not be taking monoamine oxidase inhibitors (MAOIs) or aminoguanidine as these medications increase N-methylhistamine (NMH) levels.	LC MS/MS Enzymatic Colorimetric Assay	Call Ref Lab		7 days
NMO Aquaporin-4 Receptor Ab	LAB9590	AQU4R	83516	Reference Lab	Container: SST tube Preferred: 1 mls serum Process: Spin and separate within 2 hrs Storage: Send serum refrigerated	Semi-Quant ELISA	Call Ref Lab		7 days
NMP22	LAB8130	NP22	86316	Reference Lab	Container: Special kit from ARUP Preferred: 5 mls urine Process: Single void urine between midnight and noon. Immediately after collection, add urine to NMP22 Urine stabilizer vial. Transport: Send frozen	EIA	Call Ref Lab		10 days

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NMR Lipoprotein	LAB8131	NMR	83704 80061	Reference Lab	Container Plain red top tube Preferred 2 mls serum Process Gently invert tube 8-10 times then let clot for 30 min upright and room temperature. Spin within 2 hrs Storage Send serum refrigerated. Do not freeze.	NMR Spectroscopy	Call Ref Lab		10 days
Non-Gyn Cytology - Body Fluids	LAB8132			Cytology	See Appendix			M - F	
Non-Gyn Cytology Direct Smears	LAB8132			Cytology	See Appendix			M - F	5 days
Nortriptyline	LAB807	NTRIP	80335	Reference Lab	Container Plain red top tube Preferred 1 mls serum Process Spin and separate within 2 hrs. Draw immediately before next dose (min 12 hrs after last dose) Transport Send serum refrigerated	LC MS/MS	Call Ref Lab		8 days
NT proBNP	LAB095233	PBNP Lab095233	83880	Chemistry	Container 1 LHM tube Preferred 2 ml plasma Minimum 1 ml plasma Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum NH ₄ -Hep, EDTA Acceptable Room temperature up to 3 days Refrigerate (2-8°C) up to 6 days Freeze (-15°C to -30°) 24 months	Immunoassay ECLIA (Electrochemiluminescence)	Age <75 years <125 pg/mL Age ≥75 years <450 pg/mL	M - Su	4 hours
N-Telopeptide, Cross-Linked Urine	LAB816	NTCLU	82523	Reference Lab	Container 24 hr container with no preservative or 2nd morning void Preferred 1 mls urine Process Transfer urine to pour off tube Transport Send urine frozen	Qnt Chemiluminescent Immunoassay	Call Ref Lab		5 days
NTX Serum	LAB8133	NTXS	82523	Reference Lab	Container 1 plain red top tube Preferred 0.5 ml serum Minimum 0.25 mls serum Process Spin and separate Transport Send frozen	ELISA	Call Ref Lab		5 days
Nutmeg IgE	LAB095352	NUMEG	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
O & P (Cyclospora Screen)	LAB999052	O&P-C	87206	Microbiology	Refer to O&P (Routine) for collection instructions	Modified acid fast stain	No Cyclospora seen	M - TH	3 days
O & P (Microsporidium Screen)	LAB999053	O&P-M	87207	Microbiology	Refer to O&P (Routine) for collection instructions	Fluorescence microscopy	No Micro-sporidium seen	M-TH	3 days
O & P (Routine)	LAB999054	O&P	87177	Microbiology	Fecal specimens are to be collected in a sterile dry container or passed in a bedpan and must not be contaminated with urine. The patient should be cautioned against the use of antacids, barium, bismuth, anti-diarrheal medication, or oily laxatives prior to collection of the specimen. Once the specimen is collected, it should be aliquoted into the Para-Pak three vial system tubes (available in General Stores). An appropriate bloody, watery, slimy area of stool should be selected and transferred into each of the tubes using the collection spoon provided in the cap of the container. Sufficient stool is added to the container to bring the liquid level up to the 'fill to here' line. Tighten cap and shake firmly to ensure the specimen is adequately mixed. Label vials and seal in the zip-lock bag. Transport Send the specimens to the laboratory within 8 hours and store the vials at ambient temperature. Test will not be performed on patients hospitalized over three days and not presenting with diarrhea.	Ecofix stain / Microscopy	No parasites seen	M-TH	3 days
Oak IgE	LAB090774	OAK	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Oat IgE	LAB090670	OATS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Occult Blood Feces	LAB694	OCC	82274	Microbiology	Collect specimen in a leak-proof container without preservatives or in a Polymedco OC-Auto Transport bottle. Transport Send transport bottle or stool specimen to the laboratory stored at (2-30°C)	Enzyme Immunoassay (EIA)	Negative	M - SU	24 hrs
Octopus IgE	LAB095334	OCTOP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Oligoclonal Band Profile	LAB740	OLPR.	83916 82784 X 2 82040 82042	Reference Lab	Container Sterile container and 1 SST tube. Preferred 1.5 ml CSF and 1 ml serum. Minimum 1ml CSF and 0.6 ml serum Process Allow serum to clot completely at room temp. Spin and separate ASAP. Serum should be drawn within 48 hrs of CSF collection. Storage Send refrigerated.	Isoelectric Focusing/Immuno-fixation/N ephelometry	Call Ref lab		4 days
Olive (black) IgE	LAB090781	OLIVE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Onion IgE	LAB0700221	ONION	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Opiate Monitoring Panel LC/MS Urine	LAB070705	OPIMP	G0480	Chemistry	Container Random urine tube Preferred 3ml urine Minimum 3 ul urine Transport Send refrigerated Storage Room temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-15°C to -30°C) 30 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	4 hours
Opiates	LAB416	OPI	80361	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 hours
Opiates by LC/MS (U) Confirmation	LAB9380	OPIMP	G0480	Chemistry	Container Random Urine tube Preferred 3 mL of urine Minimum 3 ul urine Transport Send refrigerated Storage Room temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-15°C to -30°C) 30 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
Orange IgE	LAB0700222	ORNGE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Orchard (Cocksfoot) IgE	LAB0700223	ORGRS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Oregano IgE	LAB095254	OREG	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Organic Acids Urine	LAB418	ORGAU	83918	Reference Lab	Container Random urine container Preferred 9 mls random urine. Avoid dilute urine when possible Process Freeze immediately Transport Send frozen **NOTE** Separate specimens must be submitted for multiple tests	GC-MS	Call Ref Lab		10 days
Orotic Acid and Orotidine Urine	LAB8139	OROTU	83921 x2	Reference Lab	Container Random urine container Preferred 1st morning urine is preferred. 2mls urine Process Freeze within 2 hrs of collection Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests	LC-MSMS	Call Ref Lab		10 days
Osmolality	LAB107	OSMO 14520	83930	Chemistry	Container 1 LI Heparin tube Preferred 2 ml plasma Minimum 1 ml plasma Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum acceptable Room temperature (20-25°C) up to 48 hours Refrigerate (2-8°C) up to 48 hours	Freezing point depression	275-295 mOsm/kg	M - Su	4 hours
Orthopox Virus DNA (Non-Variola) by PCR	LAB304650025	MKPOX	87798	Molecular	Specimen Sterile synthetic Swab in M4 Viral Transport Media: Lesion swabs from multiple sites. Cotton swabs unacceptable for testing. Container Sterile container, Copan Swab Storage Refrigerate, if >24 hrs, Freeze Transport Keep cool.	Real Time PCR	Negative	M-Su	24 hours
Osmolality, Fecal	LAB9779	OSMOF	84999	Reference Lab	Container Sterile container with no preservative Preferred 5 mls liquid stool Process Do not add saline or water Transport Send frozen **NOTE** Separate specimens must be sent for multiple tests	Qnt Freezing Point	Call Ref Lab		3 days
Osmolality - Body Fluid	LAB8140	OSMLF 14527	83930	Chemistry	Container: Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 24 hours Refrigerate (2-8°C) up to 1 week Freeze (-20°C) indefinitely	Freezing point depression	No Reference Range Available	M - SU	4 hours

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Osmolality - Urine (Random)	LAB420	OSMU 14525	83935	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Centrifuge Preservative: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 4 hours Refrigerate (2-8°C) up to 24 hours Freeze (-20°C) 7 days	Freezing point depression	301 - 1090 mOsm/kg	M - Su	4 hours
Osteocalcin	LAB1060	OSTEO	83937	Reference Lab	Container: 1 SST Preferred: 0.5 ml serum Minimum: 0.3 mls serum Process: Allow serum tube to sit for 15-20 minutes at room temp to clot. Spin and separate within 2 hrs. Transport: Send frozen **NOTE** No hemolysis	Qnt Electrochemiluminescent Immunoassay	Call Ref Lab		6 days
Ovalbumin IgE	LAB091857	OVALB	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ovomucoid IgE	LAB095247	OVMUC	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Oxalate	LAB8144	OXTOT	83945	Reference Lab	Container: 24 hr urine jug w/no preservative Preferred: 4 mls urine Process: Transfer 4 mls urine to either tube with sulfamic acid or plain transport tube, freeze immediately. Transport: Send urine frozen. **NOTE** Separate specimens must be sent for multiple tests. Pt should avoid ingestin of Vitamin C prior to collection.	Qnt Spectrophotometry	Call Ref Lab		5 days
Oyster IgE	LAB0700224	OYSTR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pancreatic Elastase	LAB9599	PANEL	82653	Reference Lab	Container: Sterile stool transport vial Preferred: 5g stool Transport: Send stool refrigerated (may be frozen) **NOTE** Stool cannot be room temp. Needs to be separate specimens. Do not send to molecular	Quant ELISA	Call Ref Lab		5 days
Pancreatic Polypeptide	LAB8148	PANCP	83519	Reference Lab	Container: 1 SST Tube Preferred: 1 ml serum Minimum: 0.5 mls serum Process: Allow specimen to sit in collection tube for 15-20 minutes at room temp. Spin and separate within 2 hrs. Transport: Send frozen **NOTE** Pt must be fasting 10 hrs	RIA	Call Ref Lab		14 days
Panorama	LAB095092	PRAMA	81507	Reference Lab	Container: Special tube provided by Natera Preferred: 20 mls whole blood Process: Use 21 gauge needle. Invert at least 10 times. Do not spin or pour off. Transport: Send whole blood room temp. **NOTE** <u>Must be in Ref Lab by 2 PM on Friday. Do not draw Saturday or Sunday.</u>	SNP based	Call Ref Lab		2 weeks
PAP Smear - Thin Prep	LAB092081			Cytology	See Appendix	Thin Prep	N/A	M - F	1 - 3 days
Papaya IgE	LAB0700225	PAPYA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Paprika IgE	LAB095255	PAPKA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Paraneoplastic Eval CSF	LAB0700226	PARAC	86255 x9	Reference Lab	Container: Sterile container Preferred: 4 mls CSF Transport: Send CSF refrigerated	IFA, RIA	Call Ref Lab		3 weeks
Paraneoplastic Evaluation	LAB8149	PARAN	83519 x4 83520 86255 x9	Reference Lab	Container: 1 plain red top tube Preferred: 4 mls serum Minimum: 2 mls serum Process: Spin and separate Transport: Send refrigerated	IFA/EIA/RIA/Western Blot	Call Ref Lab		3 weeks
Parasite I.D.	LAB247	PARID	87169	Microbiology	Submit worm in a plastic or glass container. Store at ambient temperature.	Macroscopically /Microscopy	Specimen is not a known human parasite	M-TH	24 hrs

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Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Pareitaria Judaica (Wall Pellitory) IgE	LAB095367	WPELL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Parsley IgE	LAB0700230	PARSL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Parvovirus B19 G&M Abs	LAB8150	PRV19	86747 x2	Reference Lab	Container 1 SST tube Preferred 0.5 mls serum Process Spin and separate Transport Send refrigerated	EIA	Call Ref Lab		4 days
Parvovirus B19 PCR	LAB8151	PPCR	87798	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate Transport Send serum frozen **NOTE** Specimen source required	Qual PCR	Call Ref Lab		6 days
Passion Fruit IgE	LAB091805	PAFRT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pathologist Blood Smear Exam with CBC <i>(old name: Blood Morphology)</i>	LAB999264	MORPH + CBC	85060	Hematology	Special Instructions Order a CBC and Blood Morphology (21025). Some clinical history is helpful. Specimen Requirements See CBC Off-Campus Collections If length of time from collection to lab delivery exceeds 8-hours, submit 4 unstained blood smears in addition to a blood sample. Transport Keep whole blood sample cool; transport glass slides in a puncture-resistant slide container.	Pathologist Exam; Microscopic w/ Stained Smears	See report; Pathologist Interpretation	M - SU	1 - 3 days
Peach IgE	LAB0700232	PEACH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Peanut IgE	LAB092117	PEANT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pear IgE	LAB0700234	PEAR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pecan (food) IgE	LAB090669	PECAN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pecan Hickory IgE	LAB090626	PCANH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Penicillin G IgE	LAB0700240	PENG	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Penicillin V IgE	LAB0700241	PENV	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Penicillium Chrysogenum IgE	LAB090775	PCHRY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pentobarbital	LAB8155	PENT	80345	Reference Lab	Container 1 plain red top tube Preferred 2 mls serum Minimum 0.7 mls serum Process Spin and separate Transport Send refrigerated **NOTE** No SST tubes	CG-FID	Call Ref Lab		8 days
Pericardial Fluid Culture	LAB8156	PCFCU	87070	Microbiology	Collect specimen in sterile transport container. Transport Send to the laboratory within 15 minutes at ambient temperature. If longer than 15 minutes store specimen up to 24 hours at ambient temperature.	Bacterial culture	No organisms isolated.	M - SU	5 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Peritoneal Dialysis Culture	LAB8157	PDCU	87070	Microbiology	Collect Peritoneal dialysis fluid in bag or sterile leak-proof container. Transport Send to the laboratory within 15 minutes at ambient temperature. If longer than 15 minutes store specimen up to 24 hours at ambient temperature.	Bacterial culture	No organisms isolated	M - SU	days
Peritoneal Fluid Culture	LAB8158	PTFCU	87070	Microbiology	Collect fluid in a sterile leak-proof container. Transport Send to the laboratory within 15 minutes at ambient temperature. If longer than 15 minutes store specimen up to 24 hours at ambient temperature.	Bacterial culture	No organisms isolated.	M - SU	5 days
Persimmon IgE	LAB095291	PERS	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
pH	LAB070709	PH	83986	Microbiology	Collect a small amount of stool in a wide-mouth, water tight, stool container without preservatives.	Qualitative assay	pH 6-8	M - SU	24 hrs
pH - Body Fluid	LAB110	PH.F	83986	Chemistry	Container: Sterile Container Preferred: 1 mL body fluid Minimum: 1 mL body fluid Process: Place on ice Transport: (2-8° C) **NOTE** Record source of fluid. Fluid should be collected anaerobically. Testing must be performed within one hour of collection.	pH sensitive electrode	No Reference Range Available	M - SU	4 hours
Pharmacogenomic (PGX) Panel	LAB304256014	PGX	81402 G0452	Molecular	Specimen: 3 mls EDTA whole blood Container: EDTA (avendar) tube Minimum: 1 ml Storage: 2-8°C (Refrigerated) Transport: Refrigerated	Multiplex PCR and Mass Spectrometry	Normal (Wildtype)	Batched M - F	7-10 days
Phenobarbital	LAB30	PHNOB 17750	80184	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 6 months Frozen (-20°C) up to 6 months	Enzyme Immunoassay	15 - 30 mcg/mL	M - SU	4 hours
Phenol	LAB8163	PHENL	82570 84600	Reference Lab	Container: Random urine container Preferred: 4 mls end of shift urine Minimum: Process: No preservative Transport: Send refrigerated	Colorimetry	Call Ref Lab		10 days
Phenylalanine	LAB8164	PHNAL	84030 84510	Reference Lab	Container: 1 green top sodium heparin tube Preferred: 0.5 mL plasma Minimum: 0.1 mL plasma Process: Spin and separate Transport: Send frozen **NOTE** Fasting patient	Ion-Exchange Chromatography	Call Ref Lab		5 days
Phenylethylamine	LAB423	PCP	80362	Chemistry	Container: Random Urine Container Preferred: 20 mL of urine Minimum: 10 mL of urine Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4 hours
Phenytoin	LAB31	PHENY 16850	80185	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature up to 48 hours Refrigerate (2-8°C) up to 1 month Frozen (-20°C) up to 5 months	Enzyme Immunoassay	10 - 20 mcg/mL	M - SU	4 hours
Phenytoin, Free	LAB32	PHENF	80186	Reference Lab	Container: Plain red top tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated **NOTE** Pre-dose (trough) draw. At steady state concentration	Quantitative Enzyme Multiplied Immunoassay Technique	Call Ref Lab		5 days
PHN, PI-Linked Ag	LAB9314	PNHPI		Reference Lab	Container: Yellow top tube ACD solutions A Preferred: 2.6 mL whole blood Process: Do not transfer blood to other containers Transport: Send whole blood room temp **NOTE** Specimen must arrive within 72hrs of draw. Must be in Ref Lab by 2PM Friday. EDTA acceptable.	Flow Cytometric Immunophenotyping	Call Ref Lab		3 days
Phoma Betac IgE	LAB0700244	BETAE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Phosphatidylethanol (Peth)	LAB084238	PETH	80321	Reference Lab	Container: EDTA lavender top tube Preferred: 1 mL whole blood Transport: Send whole blood refrigerated	LC/MS	Call Ref Lab		5 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Phosphatidylserine Abs IgG and IgM	LAB090793	PPTSR	86148 X 2	Reference Lab	Container: SST tube Preferred: 0.5 mls serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Semi-Qnt ELISA	Call Ref Lab		4 days
Phospholipids	LAB8165	PHLIP	84311	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Allow specimen to clot completely at room temperature. Spin and separate Transport: Send refrigerated **NOTE** Patient must fast 12 hrs.	Qnt Spectrophotometry	Call Ref Lab		6 days
Phosphorus - Urine (24 Hr)	LAB426	UPHOS 14951	84105	Chemistry	Container: 24 Hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Centrifuge aliquot Preservative: (10-20 mL) 6N HCl If preservatives are not used during collection, adjust pH to <5 with 6N HCl Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 48 hours	Phosphomolybdate	0.34 - 1.00 gm/vol	M - SU	4 hours
Phosphorus - Urine (Random)	LAB427	UPLR 14952	84105	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Adjust pH to <5 with 6N HCl Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 48 hours	Phosphomolybdate	No Reference Range Available	M - SU	4 hours
Phosphorus (Phosphate)	LAB113	PHOS 11500	84100	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 4 days Frozen (-20°C) up to 1 year	Phosphomolybdate	See Report	M - SU	4 hours
PhthalicAnhydride IgE	LAB095326	PHANH	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pig Epithelium IgE	LAB0700245	PIG	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pigeon Drooping IgE	LAB0700246	PDROP	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pigeon Feathers IgE	LAB095275	PFEAT	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pine Nut IgE	LAB0700248	PINE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pine, White IgE	LAB0700250	WPINE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pineapple IgE	LAB0700251	PAPPL	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pinworm Prep	LAB248	PIN	87172	Microbiology	Container: Pinworm paddles Process: Specimen should be collected early in the morning before the patient arises. Press the sticky side of the paddle to the perirectal area and place the paddle in the tube. Transport: Preferred to send specimen at ambient temperature up to 2 days. **NOTE** DO NOT insert the paddle into the rectum.	Manual microscopy	Negative	M-SU	24 hrs
Pistachio IgE	LAB0700252	PISTA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Plaiice IgE	LAB0700153	PLAIC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Plasminogen Activator Inhibitor 1 Activity	LAB9994	PA11	85415	Reference Lab	Container Sodium citrate blue top Preferred 1.5 mls platelet poor plasma Process Spin and separate within 1 hr of draw Transport Send plasma frozen **NOTE** Collect specimen between 8am and 12pm. Separate tubes must be sent for multiple tests.	Bioimmunoassay	Call Ref Lab		10 days
Plasminogen, Activity	LAB8169	PLSMN	85420	Reference Lab	Container 2 tubes sodium citrate (light blue top); fill between min and max fill line. Preferred 2 mL platelet poor plasma each into 2 plastic aliquot tubes preferably screw top aliquot tubes Minimum Same as preferred volume Process Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots. Storage Freeze plasma (Do not use a frost free freezer!) Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Chromogenic	Call Reference Lab		6 days
Plasmiologen	LAB8170	PLSMG	82492	Reference Lab	Container 1 EDTA purple top tube Preferred 2 mls plasma & red cells Process Spin and separate. Aliquot plasma and red cells into two separate tubes Transport Send both tubes frozen		Call Ref Lab		3 weeks
Platelet Aggregation	LAB8171	PLAGG	85575 x6	Coagulation	Container 3 - (blue top) tube; fill tube to FILL LINE MARK. Preferred 9 mL of fresh whole citrated blood Minimum 9 mL whole blood Process Test must be scheduled. Call 254-724-2426 to schedule a collection time. Collection must be at the Temple Campus. Transport Transport immediately to the Special Coagulation Laboratory.	Whole Blood Lumi-aggregometry	Platelet aggregation in Ohms and ATP secretion in nmoles	M - F	1-3 days
Platelet Antibody Screen	LAB8026	PLTAB	86022	Immunology	Container 1 SST tube or 1 red top Preferred 1 mL Serum Minimum 0.5 mL Serum Process Centrifuge Storage Frozen Transport Frozen	Enzyme-linked Immunosorbent Assay (ELISA)	See Report	Batch at least 2x weekly	1-3 days
Platelet Clumping Work-up Presumptive test for identifying pseudothrombocytopenia caused by in-vitro induced platelet clumping from the anticoagulant EDTA present in CBC collection tubes.	LAB75000699	PTLC PTLCP	85049	Hematology	Collect 1 EDTA 1/2 full for best results and 1 ACD (A) 1/2 full for best results. Samples need to be sent Room Temperature.	Cell Counts & Interpretation	Interpretation	M - SU	4 HR
Platelet Count, Only (Hematology)	LAB301	PLTH	85049	Hematology	Container 1 EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuanted Collection Tube Minimum 1/3 of optimal collection volume of vacuanted collection tubes Microcontainer Minimum 0.5 mL Storage Room temperature if testing performed within 4 hours of collection; otherwise refrigerate Transport Keep cool	Cell Counter; Automated	150,000 - 450,000 /mm3	M - SU	6 days
Platelet Donor Type	LAB8020	PLTDO 41165	86813	HLA	One 10 ml yellow top (ACD-A) tube or sodium heparin green top tube. Do not refrigerate. Do not spin. Keep at room temperature.	Microcytotoxicity	See Report	M - F	4 HRS
Platelet Function Screen (PFA100)	LAB318	PFSCR	85576 x 1 or 2	Coagulation	Container 2 - (blue top) tube; fill tube to FILL LINE MARK Preferred 6 mL whole blood Minimum 6 mL whole blood Process DO NOT centrifuge. Keep at room temp. Time Limit 4 hours from collection to testing. Transport Transport at room temperature Transport immediately to Hematology **NOTE** Do not transport in pneumatic tube system!	Simulation of vascular injury with whole blood	See Report for interpretation	M - SU	1 hr
Platelet Response: Aspirin Platelet function testing for the response of platelets to aspirin	LAB8172	PLRAS	881079C 85576	Coagulation	Container 2 Greiner 2 mL blue tops; fill tube to FILL LINE MARK Preferred 6 mL of fresh whole citrated blood Minimum 6 mL whole blood Process DO NOT centrifuge. Keep at room temp. Call 254-724-8827 if collection is off campus for special instructions Transport Transport at room temperature transport immediately to Hematology Time Limit 4 hours from collection to testing. **NOTE** Do not transport in pneumatic tube system!	platelet aggregation in whole blood	620-72 ARU	M - F	1 Hr
Platelet Response: Plavix Platelet function testing for the response of platelets to Plavix (P2Y12 inhibitors)	LAB8174	PLVIX	D8800079 85576	Coagulation	Container 2 Greiner 2 mL blue tops; fill tube to FILL LINE MARK Preferred 6 mL of fresh whole citrated blood Minimum 6 mL whole blood Process DO NOT centrifuge. Keep at room temp. Test must be scheduled. Call 254-724-2426 to schedule a collection time. Collection must be at the Temple Campus. Time Limit 4 hours from collection to testing. Transport Transport at room temperature transport immediately to the Special Coagulation Laboratory **NOTE** Do not transport in pneumatic tube system!	platelet aggregation in whole blood	180-376 PRU (Off Drug)	M - F	5 days
Pleural Fluid Culture	LAB8178	PLFCU	87070	Microbiology	Collect fluid in a sterile leak-proof container. Transport Send to the laboratory within 15 minutes at ambient temperature. If longer than 15 minutes store specimen up to 24 hours at ambient temperature.	Bacterial culture	No organisms isolated.	M - SU	5 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Plum IgE	LAB0700253	PLUM	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
PML-RARA PCR Qnt	LAB30461035	PRARQ	81315	Reference Lab	Container: EDTA Lavender Top Preferred: 5 mls whole blood Process: Do not spin Transport: Send refrigerated **NOTE** Critical refrigerated, separate specimens must be sent for multiple tests. Draw Mon-Thurs only. Must be in Ref Lab by 12 PM. Only stable 48 hrs.	RT-PCR	Call Ref Lab	Call Ref Lab	10 days
Pneumonia Panel by PCR (inpatients only)	LAB304256001	PNPAN	87633	Molecular	Specimen: Bronchial Lavages, BAL like specimens Respiratory secretions (washes) Container: Sterile container Minimum: 0.5 mL Storage: Refrigerate, if >24 hrs, Freeze Transport: Keep cool.	Multiplex PCR	Negative	M - Sun	8 hours
PNH, PI-Linked Ag	LAB9314	PNHPI		Reference Lab	Container: Yellow top tube ACD solution A Preferred: 2.6 mls whole blood Process: Do not transfer blood to other containers Transport: Send whole blood room temp **NOTE** Specimen must arrive within 72 hours of draw. Must be in ref lab Friday by 2 PM. EDTA acceptable	Flow Cytometric Immunophenotyping	Call Ref Lab		10 days
Poliovirus Abs	LAB9764	PLVS	86658 x2	Reference Lab	Container: SST tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs Transport: Send serum refrigerated	Semi-Quant Serum Neutralization	Call Ref Lab		10 days
Poppy Seed IgE	LAB095353	POPSD	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pork IgE	LAB090671	PORK	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Porphobilinogen Random	LAB8179	PBG	84110	Reference Lab	Container: Amber urine container Preferred: 20 mls random urine Process: Pour into amber container Transport: Send frozen and protected from light.	LC-MS/MS	Call Ref Lab		6 days
Porphyrins Fractionation Qnt Urine	LAB8183	PORFQ	84120	Reference Lab	Container: 24 hr urine with no preservative-refrigerated during collection. Random acceptable. Protect from light. Preferred: 4 mls urine Process: Pour off into amber transport tube Transport: Send urine frozen	Qnt HPLC/Tandem MS	Call Ref Lab		6 days
Porphyrins, Feces	LAB8181	PORFE	84126	Reference Lab	Container: Sterile container Preferred: 100 g stool (24 hr collection is adequate if volume is 100 g, if not 48, 72 or 96 hrs) Transport: Send entire collection frozen **NOTE** Patient should not eat red meat or take aspirin-containing medications for 3 days prior to or during collection. No barium, laxatives or enemas for 24 hours prior to collection.	HPLC	Call Ref Lab		7 days
Porphyrins, Total Plasma	LAB9298	POTP	84311	Reference Lab	Container: 1 green top sodium heparin tube Preferred: 2 mls plasma Process: Spin and separate within 1 hr. Protect from light during collection, storage and shipment. Transport: Send plasma frozen. **NOTE** Patient should abstain from alcohol for 24 hrs.	Qnt Fluorometry	Call Ref Lab		5 days
Posaconazole	LAB070703	POSAZ	80299	Reference Lab	Container: Plain red top Preferred: 1 ml serum Process: Spin and separate Transport: Send serum frozen **NOTE** Pre-dose (trough) draw. Blood levels may be affected by other concurrent medications, pr conditions, fat intake at dosing and other factors.	HPLC/MS	Call Ref Lab		8 days
Post Vasectomy Sperm Count	LAB999269	PVC	89321	Andrology	Semen sample must be delivered to the lab the day of collection preferably mornings before noon.	Manual methods with specific protocol to verify no sperm in sample	No sperm seen	M - F (8AM-4PM)	5 days
Potassium	LAB114	K 10600	84132	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 ml plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Avoid prolonged contact with RBCs - No hemolysis Room Temperature 7 days Refrigerate (2-8°C) up to 7 days	Ion Selective Electrode (ISE)	0 - 2 years: 3.6 - 6.2 mEq/L 2 years+: 3.5 - 5.3 mEq/L	M - SU	4 hours

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Potassium - Urine (24 Hr)	LAB435	UK 14960	84133	Chemistry	Container: 24 Hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Centrifuge aliquot Preservative: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 45 days Refrigerate (2-8°C) up to 2 months Freeze (-20°C) up to 1 year	Ion Selective Electrode (ISE)	15 - 125 mEq/vol	M - SU	4 HR
Potassium - Urine (Random)	LAB434	UK.R 14962	84133	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Storage: Refrigerate (2-8°C) Process: Centrifuge aliquot Transport: Refrigerate **NOTE** Room Temperature(20-25°C) up to 45 days Refrigerate (2-8°C) up to 2 months Freeze (-20°C) up to 1 year	Ion Selective Electrode (ISE)	No Reference Range Available	M - SU	4 HR
Precalbumin	LAB115	PALBI	84134	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum ONLY Refrigerate (2-8°C) up to 3 days Freeze (-20°C) up to 6 months	Immunoturbidimetric (ISE)	16 - 42 mg/dL	M - Su	4 HR
Pregabalin Urine	LAB070008	PRGBU	80366	Reference Lab	Container: Random urine container Preferred: 20 mls urine Transport: Send room temp	MS	Call Ref Lab		7 days
Pregnancy - Urine	LAB437	UPREG	84703	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 1 mL of urine Process: Preservative - None Storage: Refrigerate (2-8 °C) Transport: Refrigerate **NOTE** Preservatives are NOT ACCEPTABLE Refrigerate (2-8 °C) up to 72 hours Do not freeze	Immunoassay	Negative Positive	M - Su	4 HR
Primidone (Mysoline)	LAB485	LC542	80184 80184	Reference Lab	Container: 1 plain red top tube Preferred: 1 ml serum Minimum: 0.8 ml serum Process: Allow to clot completely at room temperature. Spin and separate within 2 hrs. Transport: Send refrigerated **NOTE** No SST tubes	Immunoassay	Call Ref Lab		2 days
Privet IgE	LAB0700257	PRIVT	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Procalcitonin	LAB8808	PCT	84145	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate *NOTE* Refrigerate (2-8°C) up to 48 hours Freeze (-20°C) up to 6 months	ELFA (Enzyme-Linked Fluorescent Assay)	<0.1 ng/mL	M - SU	4 HR
Profile - 20 Includes: A/G Ration Albumin Alkaline Phosphatase BUN Calcium CO2 Chloride Cholesterol CK Creatinine Glucose GGTP	LAB999087	PRO20 12311	89399.75	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days Protect from direct sunlight	See Individual Tests	See Report	M - SU	4 HR
Profile - Basic Metabolic BUN Calcium Chloride CO2	LAB15	BASIC 10102	80048	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature(20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days	See Individual Tests	See Report	M - SU	4 HR
Profile - Comprehensive Metabolic Includes: Albumin Alkaline Phosphatase BUN Calcium Chloride CO2 Creatinine Glucose	LAB17	COMP 10411	80053	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days Protect from direct sunlight	See Individual Tests	See Report	M - SU	4 HR

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Profile - Dialysis Includes: Anion GAP Glucose Albumin Phosphorus Alkaline Phosphatase BUN Potassium Calcium SGPT (ALT) Chloride Sodium CO2 Total Protein Creatinine	LAB8185	DIALY 10811	80069 84075 84450 84155	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days	See Individual Tests	See Report	M - SU	4 HR
Profile - Hepatic Liver Function Includes: Albumin SGPT (ALT) Alkaline Phosphatase Direct Bilirubin Total Bilirubin SGOT (AST) Total Protein	LAB20	HEP 11301	80076	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days Protect from direct sunlight	See Individual Tests	See Report	M - SU	4 HR
Profile - Lipid Includes: Cholesterol Calculated LDL HDL Triglycerides	LAB18	LIPID 11201	80061	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable 12-16 hour fasting specimen recommended Room Temperature up to 2 days Refrigerate (2-8°C) up to 7 days	See Individual Tests	See Report	M - SU	4 HR
Profile - Pediatric Renal Includes: Albumin Glucose Alkaline Magnesium Anion Gap Phosphatase BUN Phosphorus Calcium Potassium Chloride Sodium Creatinine Total Protein CO2 Uric Acid	LAB8186	PRPRO	80069 84075 84155 83735 84550	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days	See Individual Tests	See Report	M - Su	4 HR
Profile - Renal Function Albumin Creatinine BUN Glucose CO2 Phosphorus Calcium Potassium Chloride Sodium	LAB19	RENAL	80069	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days	See Individual Tests	See Report	M - Su	4 HR
Profile - Veterinary Includes: A/G ration Glucose Albumin LDH Alkaline Phosphatase BUN Phosphorus Calcium Potassium Chloride SGOT (AST) Cholesterol SGPT (ALT) CK Sodium CO2 Total Bilirubin Creatinine Total Protein GGTP Triglyceride Globulin	LAB8640	PROVT 14881	80054	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days Protect from direct sunlight "FOR ANIMAL TESTING ONLY"	See Individual Tests	See Report	M - SU	4 HR
Progesterone	LAB529	PROG 68090	84144	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin Acceptable Samples should be removed from gel within 24 hrs of collection Refrigerate (2-8°C) up to 10 days Freeze (-20°C)	Chemiluminescence	See Report	M - Su	4 HR
Proinsulin	LAB1086	PROIN	84206	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin and separate within 2 hrs Transport: Send serum frozen **NOTE** Pt must fast for 12-15 hrs	Qtn Chemiluminescent Immunoassay	Call Ref Lab		7 days
Prolactin	LAB531	PROL 67070	84146	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Lithium Heparin or EDTA plasma acceptable If testing will be delayed for more than 24 hours, remove serum or plasma from the clot, separator, red blood cells Refrigerate (2-8°C) up to 7 days Freeze (-10°C or colder) up to 12 months	Chemiluminescent Microparticle Immunoassay (CMIA)	3 - 30 ng/MI	M - SU	4 HR
Propafenone	LAB8188	LC535	80299	Reference Lab	Container: 1 SST tube Preferred: 3 mL serum Process: Spin and separate Transport: Send room temp, if over 3 days-refrigerate	HPLC/UV	Call Ref Lab		10 days
Propoxyphene Urine	LAB0700017	PRPXY	80367	Reference Lab	Container: Random urine container Preferred: 1 mL urine Transport: Send room temp	LC/MS	Call Ref Lab		10 days

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Protein 0	LAB9133	PROT0	84182	Reference Lab	Container: 1 SST tube Preferred: 2 mL serum Process: Spin and separate Transport: Send room temp		Call Ref Lab		3 weeks
Protein C Functional (Activity)	LAB489	PCFUN	85303	Reference Lab	Container 1 tube sodium citrate (light blue top); fill between min and max fill line. Preferred 2 mL platelet poor plasma preferably screw top aliquot tubes Minimum 1.0 mL platelet poor plasma Process Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots. Storage Freeze plasma (Do not use a frost free freezer!) Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Enzyme Immunoassay	Call Ref Lab, Age Dependent		3 days
Protein C, Total Antigenic	LAB490	PCAG	85302	Reference lab	Container 1 tube sodium citrate (light blue top); fill between min and max fill line. Preferred 2 mL platelet poor plasma preferably screw top aliquot tubes Minimum 1.0 mL platelet poor plasma Process Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots. Storage Freeze plasma (Do not use a frost free freezer!) Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Enzyme Immunoassay	Call Ref Lab Age Dependent		3 days
Protein Creatinine Ratio - Urine	LAB743	UPCR 84156	82570 84156	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Storage: Refrigerate (2 - 8°C.) Process: Centrifuge Transport: Refrigerate **NOTE** Specimens stored at 2 - 8°C with no additives are stable up to 6 days	Benzethonium Chloride and Kinetic Alkaline Picrate	See Report	M - SU	4 HR
Protein Electrophoresis - Serum Includes IgG, IgA, IgM	LAB119	SEP 71917	84165 82784 X 3 84160	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate Note: Serum Only Avoid Hemolysis Store refrigerated (2-8°C) Freeze (-20°C) up to 1 month	Electrophoresis	See Report	M - F	24 HR
Protein Electrophoresis - Urine (24 Hr)	LAB8191	UEP24 71251	84166 84156	Chemistry	Container 24hr Urine container Preferred 50 mL of urine Minimum 20 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Fresh specimen is preferred	Electrophoresis	See Report	M - F	24 HR
Protein Electrophoresis - Urine (Random)	LAB438	UEPR 71252	84166 84156	Chemistry	Container: Random Urine Container Preferred: 50 mL of urine Minimum: 20 mL of urine Process: Centrifuge Preservative: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Fresh specimen is preferred	Electrophoresis	See Report	M - F	24 HR
Protein S Free, Antigen	LAB492	PSFRE	85306	Reference Lab	Container 1 tube sodium citrate (light blue top); fill between min and max fill line. Preferred 2 mL platelet poor plasma preferably screw top aliquot tubes Minimum 1.0 mL platelet poor plasma Process Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots. Storage Freeze plasma (Do not use a frost free freezer!) Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Microlatex Particle - Meiated Immunoassay	Call Ref Lab Age Dependent		4 days
Protein S Functional (Activity)	LAB491	PSACT	85306	Reference Lab	Container 1 tube sodium citrate (light blue top); fill between min and max fill line. Preferred 2 mL platelet poor plasma preferably screw top aliquot tubes Minimum 1.0 mL platelet poor plasma Process Centrifuge specimen ASAP; remove plasma, re-centrifuge plasma, transfuse aliquot to plastic tube (screw top aliquot tube preferred). Refer to platelet poor plasma instructions. Separate aliquot aliquot tubes for coagulation orders. No sharing of aliquots. Storage Freeze plasma (Do not use a frost free freezer!) Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. **NOTE** DO NOT thaw sample after freezing. Label aliquot tube "plasma" or "frozen plasma"	Clot Detection	Call Ref Lab Age Dependent		3 days
Proteinase 3 Antibody (PR3)	LAB8192	PR3AS	83516	Immunology	Container: 1 SST tube or 1 Red top Preferred 1 mL Serum Minimum 0.5 mL Serum Process Centrifuge Storage Refrigerate Transport Refrigerate	Multiplex Immunoassay	<1.0	M - F	1-3 days

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Prothrombin Fragment 1.2	LAB8193	LC537	83520	Reference Lab	Container: 1 citrated blue top tube Preferred: 2 ml plasma Minimum: 1 ml plasma Process: Spin and separate Transport: Send frozen **NOTE** Separate specimens must be sent for multiple tests	ELISA	Call Ref Lab		2 weeks
Prothrombin Time	LAB8194	PTNR 65001	85610	Coagulation	Container: 1 sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred: 2 mL plasma Minimum: 0.5 mL plasma Process: Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage: Freeze plasma Transport: Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	9.4 - 12.5	M - SU	4 HR
PSA - Free and Total (% ratio)	LAB171	PSAFT	84153 84154	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate within 2 hours Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum only Refrigerate (2-8°C) up to 24 hours Freeze (-20°C) serum separated from gel/clot if testing not performed within 24 hours of collection	Chemiluminescent Microparticle Immunoassay (CMIA)	Greater than 25%	M - Su	4 HR
PSA - Prostate Specific Antigen	LAB116	PSA	84153	Chemistry	Container: 1 SST tube Preferred: 2 mL serum Minimum: 1 mL serum Process: Spin and separate within 2 hours Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum ONLY Refrigerate (2-8°C) up to 24 hours Freeze (-20°C) serum separated from gel/clot if testing not performed within 24 hours of collection	Chemiluminescent Microparticle Immunoassay (CMIA)	0 - 4 ng/ml	M - SU	4 HR
PT - Post Heparin Removal	LAB8196	PTHR	85610	Coagulation	Container: 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred: 2 mL plasma Minimum: 0.5 mL plasma Process: Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage: Freeze plasma Transport: Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	9.4 - 12.5	M - F	1 HR
PT / aPTT	LAB8195	PTTPT	85610 85730	Coagulation	Container: 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred: 2 mL plasma Minimum: 0.5 mL plasma Process: Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage: Freeze plasma Transport: Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	9.4 - 12.5 sec / 25.1 - 36.5 sec	M - SU	4 HR
PTH - Parathyroid Hormone	LAB8198	PTH. 69400	83970	Chemistry	Container: 1 Li Heparin tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2 - 8° C) Transport: Refrigerated **NOTE** EDTA Acceptable / Avoid SST Refrigerate (2-8°C) up to 2 days for whole blood or plasma Freeze (-10° C) up to 6 months if not performed in 2 days	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
PTH Related Peptide	LAB704	PTHRE	82397	Reference Lab	Container: Protease Inhibitor tube Preferred: 1.5 mL plasma Process: A winged collection set must be used. Mix well. Spin and separate within one hour. Transport: Send plasma frozen. **NOTE** Separate specimens must be sent for multiple tests.	Quant HPLC/TMS	Call Ref Lab		7 days
Pumpkin Seed IgE	LAB095172	PUMPS	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Pyruvate Kinase	LAB9821	PYKIN	84220	Reference Lab	Container: EDTA lavender top tube Preferred: 1 mL whole blood Process: Do not spin, do not freeze Transport: Send whole blood refrigerated	Qnt Enzymatic	Call Ref Lab		3 days
Pyruvic Acid	LAB744	PVICA	84210	Reference Lab	Container: Sodium or lithium green top tube Preferred: 1 ml whole blood Process: Add exactly 1 ml whole blood to a chilled ARUP pyruvate collection tube. Mix well for 30 seconds then place in ice ath for 10 minutes. Centrifuge for 10 minutes at 1500 x g. Decant 2 mL supernatant to plastic aliquote tube and freeze. Transport: Send frozen **NOTE** Patient should be fasting and at complete rest. Pt should avoid any exercise of the arm or hand before or during collection. Draw the specimen without the use of a tourniquet or within 3 minutes of applying the toruniquet but before releasing the tourniquet.	QNT Enzymatic	Call Ref Lab		3 days
Pyruvic Acid CSF	LAB8200	PYRC	84210	Reference Lab	Container: Sterile container Preferred: 0.6 ml CSF Transport: Send frozen **NOTE** Send specimen from tube #2	Spectrophotometry	Call Ref Lab		8 days

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Quantiferon TB Gold Plus	LAB090862	QFT-4	86480	Microbiology	Container Lithium heparin green top tube Preferred 2 full tubes whole blood Minimum 5 mls Process Do not Spin Storage Send to Processing immediately Refrigerate in processing ASAP **NOTE** Draw Mon - Friday ONLY	Chemiluminescent Immunoassay (CLIA)	Negative	M - F	48 hrs
Rabbit Epithelium IgE	LAB0700258	RABBE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rabbit Meat IgE	LAB095310	RABIT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rabbit Serum Protein IgE	LAB095276	RABSP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rabbit Urine Protein IgE	LAB095277	RABUP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rabies Titer	LAB651	RBTR	86382	Reference Lab	2 mls serum from SST tube. Spin and send serum refrigerated.		Call Ref Lab		1 month
Ragweed, False IgE	LAB090819	FRAGW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rape Seed IgE	LAB095400	RAPSE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rapid Cortrosyn - Cortisol	LAB8654	RCOR	82533 x 3	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Lithium Heparin acceptable If testing will be delayed for more than eight hours, remove plasma or serum from the serum or plasma separator, red blood cells or clot. Room Temperature up to 8 hours Refrigerate (2-8°C) up to 14 days Freeze (-20°C) up to 30 days	Chemiluminescence	Interpretative	M - Su	4 HR
Raspberry IgE	LAB0700263	RASP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rat Epithelium IgE	LAB0700264	RAT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 - 3 days
Rat Serum Proteins IgE	LAB095278	RATSP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rat Urine Proteins IgE	LAB09579	RATUP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
RBC Cholinesterase	LAB966	ACHSR	82482	Reference Lab	Container 1 EDTA purple top tube Preferred 3 mls whole blood Minimum 1 ml whole blood Process Do not spin Transport Send refrigerated, cannot be frozen. **NOTE** Do not place tubes directly on cold packs. No green top tubes.	Quantitative Enzymatic	Call Ref Lab		4 days
RBC Folate	LAB70	QLRFL	82747	Reference Lab	Container EDTA lavender top tube Preferred 3 mls whole blood Process Do not spin. Transport Send whole blood room temperature **NOTE** Do not draw Friday after 12 pm, Saturday or Sunday	Immunoassay	Call Ref Lab		2 days

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Red Cell Antigen Typing	LAB8152	AGTPA	86902	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Hemagglutination	NA		1-3 days
Red Current IgE	LAB095292	RCURR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Red Sorrel IgE	LAB0700280	SORRL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Red Top (Bentgrass) IgE	LAB091073	RTOP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Reducing Substance, Urine - Routine	LAB99278	RSB	83986	Urinalysis	Container: 1- Sterile, plastic, leak-resistant urine container Preferred: 1.0 mL or greater of urine; Minimum: 0.5-mL urine for pediatric Process: Deliver immediately to laboratory Storage: Room temperature if delivered to laboratory within 1-hour of collection; otherwise refrigerate Transport: Tightly seal lid, Keep cool.	Classic Benedict's copper reduction reaction; visual color interpretation	Negative	M - SU	3 days
Renin Activity	LAB8210	RENNA	84244	Reference Lab	Container: 1 EDTA purple top tube Preferred: 2 ml plasma Minimum: 1.2 ml plasma Process: Spin and separate within 2 hrs Transport: Send frozen. **NOTE** Do not refrigerate. Do not collect in refrigerated tubes. Separate specimens must be sent for multiple tests <u>Patient Prep</u> Normal sodium diet (100-200 mEq/day) for at least 3 days. Receiving no medications known to affect renin-angiotensin system. <u>Supine</u> Specimen should be obtained between 8AM and 10AM after at least 2 hrs in supine position. <u>Upright</u> Specimen should be obtained before noon after at least 2 hrs in upright position, seated or standing.	RIA	Call Ref Lab		5 K222days
Renin, Direct	LAB0700619	DRENN	84244	Immunology	Container: EDTA Plasma Preferred: 500 mL EDTA Plasma Minimum: 400 mL EDTA Plasma Process: Spin and Freeze Plasma within 2 hours of Draw Storage: Frozen Transport: Frozen **NOTE** Fasting Specimen recommended but not required Plasma MUST be frozen within 2 hours of draw	CLIA	2.4 - 45.7 pg/mL	Batched at least 2X weekly	Same day as testing
Respiratory Culture	LAB091016	RESPC	87071	Microbiology	Bronchial Brush/Lavage/Min BAL Culture - Make direct smears at bedside. Brushes are clipped & dropped in 1 ml sterile container with saline. Bronchial lavage specimens should be submitted in a sterile container. Transport: Refrigerated preferred (2-8°C) up to 24 hours or ambient temperature up to 24 hours.	Bacterial culture	No organisms isolated.	M - SU	72 hours
					Bronchial Wash Culture - Clinical specimen properly collected in leak-proof container. Transport: Send to the laboratory refrigerated preferred (2-8°C) up to 24 hours or ambient temperature up to 24 hours.	Bacterial culture	No organisms isolated.	M - SU	48 hours
					Sputum Culture - Avoid contamination with oral or nasal secretions. Collect in a sterile, tightly sealed container or sputum collection kit. Transport: Send to the laboratory within 2 hours at ambient temperature. If longer than 2 hours, refrigerate (2-8°C) for up to 24 hours. Sputum will be Gram stained to determine suitability for culture.	Bacterial culture	Normal upper respiratory flora	M - SU	48 hours
					Tracheal Aspirate Culture - Aspirate tracheostomy or endotracheal specimen into sterile sputum trap. Transport: Send specimens to the laboratory within 2 hours at ambient temperature. If longer than 2 hours, specimen can be refrigerated (2-8°C) up to 24 hours.	Bacterial culture	Normal upper respiratory flora	M - SU	48 hours
Extended Respiratory Pathogen Panel	LAB090836	EXRVP	87632	Molecular	Specimen: Swab in M4 Viral Transport Medis: Tracheal, bronchial or nasal aspirates Respiratory secretions (washes or lavages) Container: Sterile container, Copan Swab Minimum: 0.5 mL Storage: Refrigerate, if >24 hrs, Freeze Transport: Keep cool.	Multiplex PCR	Negative	Batched M - SU (schedule changes during active Flu season)	1-3 days
Reticulocyte (Retic) Count, Percentage	LAB296	RETIK	85045	Hematology	Container 1 EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuated Collection Tube Minimum 1/3 of optimal collection volume of vacuated collection tubes Microcontainer Minimum 0.5 mL Storage Room temperature if testing performed within 4 hours of collection; otherwise refrigerate Transport Keep cool	Cell Counter Automated w/Fluorescent Stain	0.5 - 2.2 % Adult 2.0 - 6.0 % Infant	M - SU	7 days
Retinol Binding Protein	LAB8213	RETBP	83883	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate within 2 hrs, avoid hemolysis Transport Send refrigerated	Qnt Nephelometry	Call Ref Lab		5 days
Retrograde Semen Analysis	LAB999281	SSIMR	89310	Andrology	Urine. The lab MUST be contacted for complete information and arrangements at 254-724-4408.	Manual methods with specific protocol to verify if no sperm are present	See Report	M - F (8AM-4PM)	5 days
Reverse T3	LAB1386	RVRT3	84482	Reference Lab	Container 1 SST tube Preferred 2 ml serum Minimum 1 ml serum Process Allo specimen to clot completely at room temperature. Spin and separate within 2 hours. Transport Send frozen	RIA	Call Ref Lab		6 days

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Rh Immune Globulin Workup	LAB8214	RHIGP	85461	Transfusion Service Blood Bank	Container 6ml EDTA pink top Minimum 3ml EDTA purple top Storage RT	Column Agglutination Hemagglutination Solid Phase	NA		1-3 days
Rheumatoid Factor - Screen	LAB1195	RF	86430 RFTIT 86431	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M - F	1-3 days
Rhizopus Nigricans IgE	LAB0700268	RHIZ	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ribosomal P Antibody	LAB1399	RIBP1	86235	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M - F	1-3 days
Rice IgE	LAB090672	RICE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Risperidone	LAB8215	RISPD	80342	Reference Lab	Container 1 plain red top tube Preferred 1 mls serum Process Spin and separate within 2 hrs Transport Send refrigerated **NOTE** No SST tubes. Pre-dose (trough) draw	LC/MS/MS	Call Ref Lab		5 days
RNA Polymerase Ab III, IgG	LAB304670024	RNAPA	86516	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Semi-Qnt ELISA	Call Ref Lab		5 days
Rocky Mountain Spotted Fever Abs	LAB8800	RMSF	86757 x2	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs of draw Transport Send serum refrigerated		Call Ref Lab		4 days
Rough Marsh Elder IgE	LAB090762	MARSH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rough Pigweed IgE	LAB090627	RPIGW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
RPR - Rapid Plasma Reagin	LAB494	RPRT	86592 RPRTI 86593	Immunology	Container 1 SST tubes or 1 Lithium Heparin (green) tube Preferred 1 ml Serum/Plasma Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Flocculation	Non-reactive	M - SU	1 day
Rubella IgG Antibody	LAB496	RUBG	86762	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-Su	1-3 days
Rubella IgM	LAB865	RUB.M	86762	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate within 2 hours Transport Send refrigerated	Chemiluminescent Immunoassay	Call Ref Lab		2 days
Rufinamide (Banzel)	LAB9426	LC536	80210	Reference Lab	Container Plain red top tube Preferred 2 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated **NOTE** No SST tubes		Call Ref Lab		10 days
Russian Thistle (Saltwort) IgE	LAB090630	SALTW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rye Grass IgE	LAB0700271	RYEGR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Rye IgE	LAB095250	RYE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Saccharomyces Cerevisiae Abs	LAB548	SA.CC	86671 X 2	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.3 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	ELISA	Call Ref Lab		3 days

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Salicylate	LAB34	SALI 18250	80329	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (4-8°C) up to 2 weeks Freeze (-20°C) up to 6 months If at McLane Children's refer to MCH Collection Manual	Enzymatic/Colorimetric	10 - 15 mg/dL	M - Su	4 HR
Salmon IgE	LAB0700274	SALMN	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Salt Grass IgE	LAB095303	SAGRS	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sardine (Pilchard) IgE	LAB095335	SARDN	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
SARS COV-2	LAB139900	CORON SCRCV		Molecular	Specimen: Swab in M4 Viral Transport Medis: Tracheal, bronchial or nasal aspirates respiratory secretions (washes or lavages) Container: Sterile container, Copan Swab Minimum: 0.5 mL Storage: Refrigerate, if >24 hrs, freeze Transport: Keep cool	Real Time PCR	Negative	M - SU	1-3 days
SARS COV2 ANTIBODIES (Covid)	LAB75000622	COVAT 750000622	86769	Chemistry	Container: 1 Lhp tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 7 days on gel Freeze (-20°C) up to 28 days	Electrochemiluminescence immunoassay (ECLIA)	Negative	M - SU	4 HR
SARS COV2 IGM ANTIBODIES	LAB75000611	COV2M LAB75000611	86769	Chemistry	Container: 1 Lhp tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 5 days on gel, 48 hours on red cells Freeze (-20°C) up to 30 days	Chemiluminescent Microparticle Immunoassay (CMIA)	Negative	M - SU	4 HRS
SARS COV2 TOTAL ANTIBODY SPIKE PROTEIN	LAB750000703	CVABS LAB750000703	86769	Chemistry	Container: 1 Lhp tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 14 days on gel Freeze (-20°C) up to 3 months	Electrochemiluminescence immunoassay (ECLIA)	Negative	M - SU	4 HRS
Scale (Lenscale) IgE	LAB090838	SCALE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Scallop IgE	LAB090675	SCALP	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
SCL-70 Antibody	LAB771	SCL70	86235	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	Multiplex Immunoassay	Negative	M - F	1-3 days
Seafood Panel IgE Blue Mussel, Codfish, Salmon, Shrimp, Tuna	LAB095384	SEAFO	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Seafood-Hake	LAB095328	HAKE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Sedimentation Rate (ESR)	LAB8219	ESR	85652	Hematology	Container 1 EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood in a vacuated collection tube Acceptable 3 - 0.5 mL EDTA microcontainers. Minimum 1.5 mL whole blood Acceptable Three (3) EDTA microcontainers filled to the 0.5 mL line Storage Room temperature if testing performed within 4 hours of collection; otherwise refrigerate up to 24-hours Transport Keep cool	Optical; Semi-Automated; Diluted	0 - 20 mm/hr Female; 0 - 15 mm/hr Male	M - SU	3 days
Selenium	LAB579	SLN	84255	Reference Lab	Container Royal blue no additive tube Preferred 2 ml serum Process Allow specimen to clot for 30 mins. Spin and separate ASAP. Pour off into metal free tube. Do not pipette Transport Send refrigerated **NOTE** High concentrations of gadolinium, iodine, and barium are known to interfere with ost metals tests. If gadolinium, iodine, or barium-containing contrast media has been administered, a specimen should not be collected for 96 hours.	Qnt Inductively Coupled Plasma-Mass Spec	Call Ref Lab		4 days
Semen Analysis - Complex	LAB99286	SAA	89320	Andrology	The lab MUST be contacted for complete information at 254-724-4408. On appointment day, samples should be kept at room to body temperature and delivered to the lab within 1 hour of collection.	Automated with manual verification and manual diffiernetial.	See Report	M - F (8AM-4PM)	5 days
Sequential Screen Part 1	LAB8221	LC556	84702 84163	Reference Lab	Container 1 SST tube Preferred 3 mls serum Process Spin and separate Transport Send room temp in Genzyme kit **NOTE** No hemolysis		Call Ref Lab		7 days
Sequential Screen Part 2	LAB8222	LC557	84702 82105 82677 86336	Reference Lab	Container 1 SST tube Preferred 5 mls serum Process Spin and separate Transport Send room temp in Genzyme kit **NOTE** No hemolysis		Call Ref Lab		7 days
Serotonin Blood	LAB121	SRTN	84260	Reference Lab	Container 1 EDTA purple top tube Preferred 3 mls whole blood Minimum 1 ml whole blood Process Place purple top on ice, transfer whole blood into ARUP serotonin tube, mix well, freeze within 2 hrs of collection Transport Send frozen	HPLC	Call Ref Lab		6 days
Serotonin Release Assay Panel	LAB9266	SERAP	86022 X 4	Reference Lab	Container: SST tube Preferred: 5 mls serum Process: Spin and separate Transport: Send refrigerated. Freeze if over 7 days.	Serotonin release assay	Call Ref Lab		2 days
Serum Viscosity	LAB765	SMVIS	85810	Immunology	Container Three 10mL Red Top Preferred 5 mL Whole Blood Minimum 6 mL Process Centrifuge and separate Storage Frozen Transport Frozen	Ostwald Viscosimeter	1.4 - 1.8	M - F	1-3 days
Sesame Seed IgE	LAB090676	SESAM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sex Hormone Binding Globulin	LAB8224	SHBG	84270	Chemistry	Container 1 SST tube Preferred 2 ml serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8° C) Transport Refrigerate If testing will be delayed more than 8 days, remove serum or plasma from the clot, red blood cells or separator gel and store frozen. Refrigerate (2-8° C) ≤ 8 days Freeze (-10° C) up to 3 months	Chemiluminescence	Males >20 yrs 13.3-89.5 nmol/L Females 20-46 years 18.2-135.5 nmol/L > 47 years 16.8-125.2 nmol/L	M -Su	4 HRS
Sheep Wool IgE	LAB0700279	WOOL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Short Ragweed IgE	LAB090779	SRAGW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Shrimp IgE	LAB090583	SHRMP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sickle Cell Screen	LAB339	SSCEL	85660	Hematology	Container 1 EDTA (lavender) tube; must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuated Collection Tube Minimum 1/3 of optimal collection volume of vacuated collection tubes Microcontainer Minimum 0.5 mL Storage Room temperature if testing performed within 2-days of collection; otherwise refrigerate Transport Keep cool **NOTE** Not available for under 6-months of age	Hemoglobin Solubility w/ Sodium Hydrosulfite	Negative	M - SU	1 - 3 days

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Silver Birch IgE	LAB09522	BIRCH	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Simple Semen Analysis	LAB8323	SSIM	89310	Andrology	Must be kept at body temperature and delivered to lab within 1 hour of collection. The lab MUST be contacted for complete information and arrangements at 254-724-4408.	Automated with manual verification	See Report	M - F (8AM-4PM)	5 days
Sinus Culture	LAB8225	SINCU	87070	Microbiology	Secretions and/or debrided tissue collected during endoscopy needs to be kept moist and collected in a sterile container. Transport: Send to the laboratory within 2 hours at ambient temperature. Specimen can be stored at ambient temperature up to 24 hours.	Bacterial culture	No organisms isolated.	M - SU	48 hrs
Serolimus	LAB875	SIRO LAB875	80197	Chemistry	Container: 1 EDTA (Lavender top) tube Preferred: 2 mL whole blood Minimum: 1 mL whole blood Storage: Refrigerate (2-8 °C) Transport: Refrigerate **NOTE** EDTA only Do Not Spin Refrigerate (2-8 °C) up to 7 days If testing delayed >7 days, store frozen (-10 °C or colder)	Chemiluminescent Microparticle Immunoassay (CMIA)	4 - 20 ng/ml	M - Su	24 HRS
Snail IgE	LAB095336	SNAIL	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sodium	LAB122	NA 10500	84295	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room temperature (20-25°C) up to 14 days Refrigerate (2-8°C) up to 14 days Freeze (-20°C) up to 1 year	Ion Selective Electrode	136 - 145 mEq/L	M - SU	4 HRS
Sodium - Urine (24 Hr)	LAB445	UNA 14970	84300	Chemistry	Container: 24 Hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Centrifuge Preservatives: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 45 days Refrigerate (2-8°C) up to 45 days Freeze (-20°C) up to 1 year	Ion Selective Electrode (ISE)	50 - 225 mEq/vol	M - SU	4 HRS
Sodium - Urine (Random)	LAB444	UNA.R 14972	84300	Chemistry	Container: Random Urine Container Preferred: 10 mL urine Minimum: 5 mL urine Process: Centrifuge Preservatives: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 45 days Refrigerate (2-8°C) up to 45 days Freeze (-20°C) up to 1 year	Ion Selective Electrode (ISE)	No Reference Range Available	M - SU	4 HRS
Sole IgE	LAB095337	SOLE	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Somatostatin	LAB9837	SOMAT	84307	Reference Lab	Container: EDTA lavender top Preferred: 1.8 mL plasma Process: Spin and separate ASAP Transport: Send plasma frozen **NOTE** Separate tubes must be sent for multiple tests	Qnt Extraction/Immunoassay	Call Ref Lab		2 weeks
Soybean IgE	LAB090584	SOY	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Specific Gravity Only, Urine	LAB8227	SPG	81002	Urinalysis	Container: 1- Sterile, plastic, leak-resistant urine container Preferred: 8.0 mL urine; please specify source (1st AM, clean catch, random catch) Minimum: 2-mL urine for adults; 1-mL urine for pediatric Process: Deliver immediately to laboratory Storage: Room temperature if delivered to laboratory within 1-hour of collection; otherwise refrigerate Transport: Tightly seal lid, Keep cool	Refractometer	1.000 - 1.035	M - SU	1 - 3 days
Spinach IgE	LAB0700284	SPINH	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sporothrix Ab	LAB1218	SPTX	86671	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.15 ml serum Process: Spin and separate Transport: Send refrigerated	Latex Agglutination	Call Ref Lab		5 days

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Spotted Fever Group Ab IgG, IgM	LAB304256015	SFGP	86757 x2	Reference Lab	Container SST tube Preferred 0.5 ml serum Process Spin and separate Transport Send serum refrigerated	Immunofluorescence	Call Ref Lab		3 days
Spruce IgE	LAB095361	SPRUC	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Squash (Pumpkin) IgE	LAB0700285	SQUAS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Squid (Pacific) IgE	LAB095339	PSQUD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Squid IgE	LAB095338	SQUID	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
SSA & SSB Antibody	LAB7730	SSABI	86235 x2	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M - F	1-3 days
Stadol	LAB8228	STADL	80362	Reference Lab	Container: Random urine container Preferred: 2 mls urine Transport: Send refrigerated	LC/MS/MS	Call Ref Lab		10 days
Stemphylium Herbaru IgE	LAB095257	STEMP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Stimulated Peripheral Blood to detect chromosomal abnormalities in individuals with congenital abnormalities, family HX of chromosome abnormalities, miscarriages, developmental delay, infertility etc.	LAB8231	G-PBL	88230 x2 88262 x1 88291 x1	Cytogenetics	3-5 mLs of blood in sodium heparin (green top) tube. Room temp.	Culture for 72-96 hours with stimulation by PHA to induce mitosis. Harvest and analysis of chromosomes.	Normal male (46,XY) or normal female (46,XX)	M - Su	10 days
Stool Pathogen Panel by PCR	LAB750004659	STPAN	87507	Molecular	Specimen Stool (loose) Container Sterile container Minimum 1.0 mL Storage Refrigerate, if > 24 hrs Freeze Transport Keep cool	Real Time PCR	Negative	Su - F	24 hours
Stool Pathogen Panel by PCR	LAB8234	STPCR	87507	Molecular	Specimen Stool (loose) Container Sterile container Minimum 1.0 mL Storage Refrigerate, if > 24 hrs Freeze Transport Keep cool	Real Time PCR	Negative	Su - F	24 hours
Stratify JCV Ab w/Index w/Reflex to Inhibition Assay	LAB095236	STJCV	86711	Reference Lab	Container Draw one SST tube Preferred 0.5 mL serum Process Spin and separate Transport Send serum room temp	Immunoassay	Call Ref Lab		2 weeks
Strawberry IgE	LAB0700287	STRAW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Strep Pneumoniae IgG ab.23	LAB9479	SPN23	86317 x 22	Reference Lab	Container: SST Tube Preferred: 0.5 mls serum Process: Spin and separate Transport: Send refrigerated	Microsphere Photometry	Call Ref Lab		6 days
Strep Screen - Rectal	LAB8236	SS-R	87081	Microbiology	Collect the sample on a dual copan swab. Transport: Send to the laboratory within 24 hours at ambient temperature. Specimen can also be stored refrigerated (2 - 8° C) up to 24 hours.	Bacterial culture	No Beta -hemolytic Streptococci isolated	M - SU	48 hrs
Streptococcus Pneumoniae Urinary Antigen	LAB8235	SPNUK	87449	Microbiology	Collect urine in a sterile container,yellow and/or grey top urine tubes. Transport *Specimens can be stored at ambient temperature up to 24 hours. If longer than 24 hours can be stored in refrigerated temperature (2 - 8° C) up to 2 days.	Enzyme Immunoassay (EIA)	Negative	M-SU	2 hrs
Striated Muscle Ab IgG	LAB728	SMAGG	86255	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	Semi-Qnt Indirect Fluorescent Ab	Call Ref Lab		5 days
Strongyloides IgG Ab	LAB999301	STRG	86682	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Spin and separate Transport: Send serum refrigerated	Semi-Quant Enzyme-Linked Immunosorbent Assay	Call Ref Lab		4 days
Succinylactone Urine	LAB8239	SUCCU	82543	Reference Lab	Container: Random urine container Preferred: 2 mls urine Transport: Send frozen		Call Ref Lab		7 days
Sugar Beet Seed IgE	LAB095401	SBEET	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

Baylor Scott and White Reference Lab
Specimen Collection Information

TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Sulfamethoxazole	LAB8421	SFZ	80299	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Minimum 0.2 ml serum Process Spin and separate within 2 hours Transport Send refrigerated **NOTE** No SST tubes. Peak level should be drawn 60 minutes after dose.	HPLC	Call Ref Lab		5 days
Sunflower Seed IgE	LAB0700289	SUNFL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sweet Gum IgE	LAB0700290	SWGUM	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sweet Potato IgE	LAB0700255	SWPOT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Sweet Vernal IgE	LAB0700291	SVGRS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Swordfish IgE	LAB091251	SWORD	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Synovial Fluid Cell Count and Differential	LAB8244	SYNOV	89051	Hematology	Container: NaHep tube preferred or sterile leak-proof container Preferred: 2 mL fluid Minimum: 1.0 mL fluid Process: Deliver to specimen processing area Storage: Room Temperature **NOTE** Transport: Room Temperature; DO NOT FREEZE DO NOT USE LITHIUM HEPARIN TUBES.	Cell Counter Automated with Fluorescent Stain Hemacytometer	Seg Neutrophils % 0 - 25 Lymph % 0 - 75 Mono % 0 - 70	Daily, 24 HRS	1 HR
Synovial Fluid Culture	LAB8245	SYNCU	87070	Microbiology	Expel fluid from syringe into sterile container. Sodium heparin tube or Eswab is not recommended. Transport Send to the laboratory within 15 minutes at ambient temperature. If longer than 15 minutes, store at ambient temperature up to 24 hours.	Cell Counter Automated w/Fluorescent Stain	No organisms isolated	M - SU	5 days
Syphilis (T. pallidum) antibody with Reflex to Confirmatory Testing	LAB090861	SYPHS	86780	Immunology	Container: SST Serum Acceptable: Lithium Heparin Preferred: 500 µL Serum Minimum: 400 µL Serum Process: Spin and separate serum from cells as soon as possible Storage: Refrigerate Transport: Room Temp	CLIA	Non-Reactive	M-Su	Same day as testing
T Cell Gene Rearrangement (Beta)	LAB8249	TCRB	81340 G0452	Molecular	3-ml peripheral blood, bone marrow biopsy, bone marrow aspirate anticoagulated with EDTA (Store at 2-8° C (Refrigerate) or, 5 mm cube of tissue frozen; or at room temperature or on ice in RPMI1640 or, formalin-fixed paraffin embedded tissue	PCR amplification with fluorescent detection	Negative for Rearrange-ment	Batched M - F	7 days, 24 hours TAT for STAT is required
T Cell Gene Rearrangement (Gamma)	LAB8247	TCRG	81342 G0452	Molecular	3-ml peripheral blood, bone marrow biopsy, bone marrow aspirate anticoagulated with EDTA (Store at 2-8° C (Refrigerate) or 5 mm cube of tissue frozen/at room temperature/on ice in RPMI1640 or formalin-fixed paraffin embedded tissue	PCR amplification with fluorescent detection	Negative for Rearrange-ment	Batched M - F	4 HR
T3 Uptake	LAB135	TUP	84479	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 24 hours on gel If test not performed within 24 hours, separate serum from gel and store at (2-8°C) up to 14 days Freeze (-10°C) up to 30 days	Chemiluminescent Microparticle Immunoassay (CMIA)	27 - 39%	M - SU	4 HRS
T3, Free	LAB092120	FT3	84481	Chemistry	Container 1 Li Heparin tube Preferred 2 mL plasma Minimum 1 mL plasma Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Serum Acceptable If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells and store at 2-8°C. Refrigerate (2-8°C) up to 6 days Freeze (-20°C) if not done within 6 days	Chemiluminescent Microparticle Immunoassay (CMIA)	2.3 - 4.2 pg/mL	M - SU	4 HRS

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T3, Total	LAB9721	T3 66400	84480	Chemistry	Container: 1 Li Heparin tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum Acceptable If testing will be delayed more than 24 hours, remove serum or plasma from the clot, separator or red blood cells and store at 2-8°C. Refrigerate (2-8°C) up to 6 days Freeze (-20°C) if not done within 6 days	Chemiluminescent Microparticle Immunoassay (CMIA)	0.6 - 1.81 ng/mL	M - SU	4HR
T4, Free	LAB09436	FT4 66500	84439	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 24 hours on gel If test not performed within 24 hours, separate serum from gel and store at (2-8°C) up to 6 days Freeze (-10°C) up to 6 days	Chemiluminescent Microparticle Immunoassay (CMIA)	0.76-1.46 ng/dL	M - SU	4HR
T4, Total	LAB090436	T4 66200	84436	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 24 hours on gel If test not performed within 24 hours, separate serum from gel and store at (2-8°C) up to 6 days Freeze (-10°C) up to 6 days	Chemiluminescent Microparticle Immunoassay (CMIA)	4.8-11.7 ug/dL	M - SU	4HR
Tacrolimus	LAB085575	FK506 LAB876	80197	Chemistry	Container: 1 EDTA (Lavender top) tube Preferred: 2 mL whole blood Minimum: 1 mL whole blood Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** EDTA only Do not Spin Refrigerate (2-8°C) up to 7 days Frozen (-20°C) 6 months	Chemiluminescent Microparticle Immunoassay (CMIA)	5 - 15 ng/mL	M - SU	24HR
Tapentadol Urine	LAB070009	TPTDL	80372	Reference Lab	Container: Random urine container Preferred: 20 mls Transport: Send room temp	MS	Call Ref Lab		7 days
Tarragon IgE	LAB095355	TARRA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
TBG-Pediatric	LAB128	LC528	84442	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Spin and separate within 1 hr Transport: Send frozen	RIA	Call Ref Lab		7 days
Tea IgE	LAB0700293	TEA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
TEG 5000 CV On Pump	TEGCH	TEGCH	85347 85384 85576	Transfusion Service Blood Bank	Container: 1 - naive syringe sample with no anticoagulant; fill tube to FILL LINE MARK Process: -Discard the first 3 mLs of blood which contain tissue contaminants. -Using a clean plastic syringe, gently draw at least 3 mLs of blood. -Collected from an Indwelling Catheter - flush line with 5 mL of saline. Then first 5 mL of blood or 6-times the line volume must be drawn off and discarded before the syringe. -Collected from a normal saline lock (capped off venous port) - draw twice the dead space volume of the catheter and extension set and discard before the syringe is filled. -Collected using a butterfly collection device, use a blue discard as the first tube drawn, then draw the syringe for the TEG. Transport: The specimen should be transported at room temperature to the Transfusion Service/Blood Bank. Samples CANNOT be sent through the pneumatic tube system. Do not transport on ice.	Thromboelastography Kinetic Change Analysis	See Report	M - Sun	Immediately through TEG Manager 4 hours for results in EPIC
TEG CV/Baseline/Pre-Op CV/Post- protamine CV/ICU	TG6CB	TG6CB	85347 85384	Transfusion Service Blood Bank	Container: 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK Process: -Discard the first 3 mLs of blood which contain tissue contaminants. -Using a clean plastic syringe or vacutainer, gently draw 2.7 mLs of blood and transfer it to a blue top 0.109 Molar (3.2%) sodium citrate anticoagulant tube. -Collected from an Indwelling Catheter - flush line with 5 mL of saline. Then first 5 mL of blood or 6-times the line volume must be drawn off and discarded before the coagulation tube is filled. -Collected from a normal saline lock (capped off venous port) - draw twice the dead space volume of the catheter and extension set and discard before the coagulation tube is filled. -Collected using a butterfly collection device, use a blue discard as the first tube drawn, then draw the blue top for the TEG. Transport: The specimen should be transported at room temperature to the Transfusion Service/Blood Bank. Samples CANNOT be sent through the pneumatic tube system. Do not transport on ice. Completed TEG Requisition must accompany each sample.	Thromboelastography Resonant Frequency Analysis	See Report	M - Sun	Immediately through TEG Manager 4 hours for results in EPIC

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TEG - Platelet Mapping	TG6PM	TG6PM	85576	Transfusion Service Blood Bank	Container: 1 - Sodium Heparin without the serum separator solid dark green top; fill tube to FILL LINE MARK. Process: -Discard the first 3 mLs of blood which contain tissue contaminants. -Using a clean plastic syringe or non-gel heparin vacutainer (≥14.5 IU but ≤20 IU heparin/mL blood), gently draw 2.7 mLs of blood and transfer it (if drawn in a syringe) to a green top lithium or sodium heparin anticoagulant tube without the serum separator. -Collected from an Indwelling Catheter - flush line with 5 mL of saline. Then first 5 mL of blood or 6-times the line volume must be drawn off and discarded before the coagulation tube is filled. -Collected from a normal saline lock (capped off venous port) - draw twice the dead space volume of the catheter and extension set and discard before the coagulation tube is filled. -Collected using a butterfly collection device, use a blue discard as the first tube drawn, then draw the blue top for the TEG. Transport: The specimen should be transported at room temperature to the Transfusion Service/Blood Bank. Samples CANNOT be sent through the pneumatic tube system. Do not transport on ice. Completed TEG Requisition must	Thromboelastography Resonant Frequency Analysis	See Report	M - Sun	Immediately through TEG Manager 4 hours for results in EPIC
TEG - Trauma/Lysis	TG6LY	TG6LY	85347 85384	Transfusion Service Blood Bank	Container: 1 - sodium citrate (blue top) tube, fill tube to FILL LINE MARK Process: -Discard the first 3 mLs of blood which contain tissue contaminants. -Using a clean plastic syringe or vacutainer, gently draw 2.7 mLs of blood and transfer it to a blue top 0.109 Molar (3.2%) sodium citrate anticoagulant tube. -Collected from an Indwelling Catheter - flush line with 5 mL of saline. Then first 5 mL of blood or 6-times the line volume must be drawn off and discarded before the coagulation tube is filled. -Collected from a normal saline lock (capped off venous port) - draw twice the dead space volume of the catheter and extension set and discard before the coagulation tube is filled. -Collected using a butterfly collection device, use a blue discard as the first tube drawn, then draw the blue top for the TEG. Transport: The specimen should be transported at room temperature to the Transfusion Service/Blood Bank. Samples CANNOT be sent through the pneumatic tube system. Do not transport on ice. Completed TEG Requisition must	Thromboelastography Resonant Frequency Analysis	See Report	M - Sun	Immediately through TEG Manager 4 hours for results in EPIC
Tetchoic Acid Abs	LAB8251	TELA	86329	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.5 ml serum Process Spin and separate ASAP Transport Send refrigerated	Immunodiffusion	Call Ref Lab	M-Sun	6 days
Testosterone	LAB9594	TESTO	84403	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate (2-8°C) **NOTE** Serum Only Remove the serum from clot or separator gel as soon as possible Refrigerate (2-8°C) 7 days Freeze (-20°C)	Chemiluminescent	Male > 18 175-781 ng/dL Female > 21 10-75 ng/dL	M -Su	4HR
Testosterone, Children under 21	LAB124	TSTFC	84403	Reference Lab	Container 1 SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum refrigerated	HPLC/MS/MS	Call Ref Lab		7 days
Testosterone, Total and Free	LAB9594	TGRP	84402 84403	Reference Lab	Container Plain red top tube Preferred 2.5 mls serum Minimum 1 ml Process Spin and separate Transport Send serum refrigerated **NOTE** No SST tubes	Equilibrium dialysis LC MS/MS Differential Precipitation	Call Ref Lab		5 days
Testosterone, Total, Bioavailable, Free	LAB091436	TTFB	84402 84403 84410	Reference Lab	Container Plain red top tube Preferred 3.5 mls serum Minimum 2 mls Process Spin and separate Transport Send serum refrigerated **NOTE** NO SST tubes	Equilibrium dialysis LC MS/MS Differential Precipitation	Call Ref Lab		5 days
Tetanus Ab	LAB8252	TTIGG	86317	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.2 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	Qnt multiplex Bead Assay	Call Ref Lab		3 days
T-H Cannabinol	LAB999306	THC	80349	Chemistry	Container Random Urine Container Preferred 20 mL of urine Minimum 10 mL of urine Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Enzyme Immunoassay	Negative	M - Su	4HR
THC by LC/MS (U) Confirmation THCa (Marijuana Metabolite)	LAB304256017	THCMS	G0480	Chemistry	Container Random urine tube Preferred 3 mL urine Minimum 3 uL urine Transport Send Refrigerated **NOTE** Room Temperature up to 7 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C) up to 30 days	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
Theophylline	LAB35	THEO. 18350	80198	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 3 months Freeze(-20°C) up to 3 months	Enzyme Immunoassay	8 - 20 mcg/mL	M - SU	4HR

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Throat Culture	LAB228	THRCU	87081	Microbiology	Specimen collected with a dual copan swab. Do not obtain throat samples if epiglottis is inflamed as sampling may cause serious respiratory obstruction. Transport Send specimen to the laboratory within 2 hours. If immediate transport is not possible, the swabs can be stored at ambient temperature and will be viable up to 24 hours. Notify lab if pathogens other than beta-hemolytic streptococci are sought.	Bacterial culture	No Beta-hemolytic Streptococci isolated	M - SU	48 hrs
Thrombin Time (TT)	LAB324	TTSC 65004	85670	Coagulation	Container 1 sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 0.5 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Optical Clot Detection	10.3 - 16.6	M - SU	1 - 3 days
Thyme IgE	LAB095356	THYME	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Thyroglobulin (TG) Antibody	LAB0700652	THG	86800	Immunology	Container 1 SST (Gold) Top Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	ELISA	<40 IU/mL	Batched at least 2x weekly	1-3 days
Thyroglobulin by LC-MS/MS	LAB9838	IC528	84432	Reference lab	Container SST tube Preferred 1.5 mls serum Process Spin and separate Transport Send serum frozen	HPLC-MS	Call Ref Lab		7 days
Thyroglobulin, Tumor Marker	LAB8723	THYTM	84432 86800	Reference Lab	Container 1 plain red top tube Preferred 1 ml serum Process Spin and separate within 2 hours Transport Send serum refrigerated **NOTE** No SST tubes. 12 hours before test patient should not take multivitamins or dietary supplements containing biotin or Vitamin B7	Chemiluminescent Immunoassay	Call Ref Lab		4 days
Thyroid Peroxidase (TPO) Antibody	LAB858	TPO	86376	Immunology	Container 1 SST (Gold) Top Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	ELISA	<25 IU/mL	Batched 2X / week	1-3 days
Thyroid Stimulating Hormone	LAB129	TSH. 66330	84443	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 24 hours on gel If testing not performed within 24 hours, separate plasma from gel and store at (2-8°C) up to 7 days Frozen (-10°C) up to 6 months	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M-Su	4HR
Thyroid Stimulating Immunoglobulin	LAB9650	TSTIM	84445	Reference Lab	Container SST tube Preferred 1 ml serum Process Allow specimen to clot completely at room temperature. Spin and separate within 2 hrs. Transport Send serum frozen	Semi-Quant Chemiluminescent Immunoassay	Call Ref Lab		2 days
Thyrotropin Receptor Ab	LAB9569	TTRRA	83520	Reference Lab	Container 1 SST tube Preferred 1 ml serum Process Allow specimen to sit for 15-20 minutes at room temperature. Spin and separate within 2 hrs. Transport Send serum frozen **NOTE** Separate specimens must be sent for multiple tests.	Electrochemiluminescence Immunoassay	Call Ref Lab		3 days
Thyroxine Binding Globulin	LAB084325	LC528	84442	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.4 ml serum Process Spin and separate Transport Send frozen	Qnt Chemiluminescent immunoassay	Call Ref Lab		5 days
TIBC Calculated from Unsaturated Iron Binding Capacity	LAB829	TIBC 11411	83550 83540	Chemistry	Container: 1 LHP tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate as soon as possible Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temp (20-25°C) 7 days Refrigerate (2-8°C) 3 weeks Freeze (-20°C) 1 year	Colorimetric	TIBC 213 - 353 meg/dL	M - SU	4HR
Tilapia IgE	LAB095340	TILAP	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Tilapia/Tritic (Ustilago) IgE	LAB09528	TILLE	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Timothy Grass IgE	LAB09631	TGRAS	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Tissue chromosome analysis for detection of chromosome abnormalities in cases of mosaicism or intrauterine fetal demise.	LAB7812	G-TISSUE	88233 x2 88264 x1 88291 x1	Cytogenetics	At least 2-3 mm of tissue placed in sterile tissue culture media (can be obtained from cytogenetics - call 254-724-3704) or sterile saline in a sterile container. May be kept at room temperature or refrigerated overnight.	Culture for 2-4 weeks, harvest and analysis of chromosomes	Normal male (46,XY) or normal female (46,XX)	M - Su	2-6 weeks If faster turn around needed call lab at 254-724-3704
Tissue chromosome analysis for detection of chromosome abnormalities in solid tumors.	LAB8262	G-ST	88239 x2 88264 x1 88291 x1 88280 x2	Cytogenetics	At least 2-3 mm of tissue placed in sterile tissue culture media (can be obtained from cytogenetics - call 254-724-3704) or sterile saline in a sterile container. May be kept at room temperature or refrigerated overnight.	Culture for 2-6 weeks, harvest and analysis of chromosomes	Normal male (46,XY) or normal female (46,XX)	M - Su	Varies
Tissue Immunofluorescence	PATHOLOGIST ORDER ONLY			Immunohistochemistry	Fixative: Michaels Media and instructions available upon request @ extension 254-724-3695	-	-	M - F	1-3 days
Tissue Transglutaminase IgA Antibody	LAB9307	TGIGA	83516	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	< 4 u/ml	Batched at least 2x weekly	1-3 days
Tissue Transglutaminase IgG Antibody	LAB090565	TGIGG	83516	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	< 6 u/ml	Batched per workload	1-3 days
Tobramycin - Peak	LAB36	TOBRP 73521	80200	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Note: Serum acceptable Should be drawn 30mins after infusion Refrigerate (2-8°C) up to 7 days Freeze(-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	5 - 10 mcg/mL	M - SU	4HR
Tobramycin - Random	LAB37	TOBRR 73522	80200	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 7 days Freeze(-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	See Report	M - SU	4HR
Tobramycin - Trough	LAB38	TOBRT 73520	80200	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Should be drawn 15mins before infusion Refrigerate (2-8°C) up to 7 days Freeze(-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	0-1.9 mcg/mL	M - SU	4HR
Tomato IgE	LAB090673	TOMAT	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Topiramate	LAB9630	TMATE	80201	Reference Lab	Container: 1 plain red top tube Preferred: 1 ml serum Minimum: 0.3 ml serum Process: Spin and separate within 2 hrs Transport: Send refrigerated **NOTE** No SST tubes Pre-dose (trough) draw	Qnt Enzyme Immunoassay	Call Ref Lab		2 days
Total Protein	LAB118	TP 12300	84155	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 7 days Refrigerate (2-8°C) up to 4 weeks Freeze (-20°C) up to 2 months	Biuret	See Report	M - SU	4HR
Total Protein - CSF	LAB195	CSFTP 12800	84157	Chemistry	Container: Sterile Container Preferred: 2 mL CSF Minimum: 1.5 mL CSF Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Avoid hemolysis Room temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 6 days Frozen(-20°C) up to 1 year	Benzethonium Chloride	15 - 60 mg/dL	M - Su	4HR

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Total Protein - Urine (24 Hr)	LAB9389	UPRO 14981	84156	Chemistry	Container: 24 Hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection. Minimum: 5 mL aliquot from well mixed 24 hr collection Process: Centrifuge Preservatives - None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Specimens stored with no additives are stable Room temperature 920-25°C up to 1 day Refrigerate (2-8°C) up to 7 days Frozen (-20°C) up to 1 month	Benzethonium Chloride	0 - 150 mg/vol	M - SU	4HR
Total Protein - Urine (Random)	LAB090403	UPR.R 14982	84156	Chemistry	Container: Random Urine Container Preferred: 10 mL aliquot Minimum: 5 mL aliquot Process: Centrifuge Preservatives: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Specimens stored with no additives are stable Room temperature (20-25°C) up to 1 day Refrigerate (2-8°C) up to 7 days Frozen (-20°C) up to 1 month	Benzethonium Chloride	See Report	M - SU	4HR
Total Protein, Body Fluid	LAB196	TP.F 12303	84157	Chemistry	Container: Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 6 days Refrigerate (2-8°C) up to 4 weeks Freeze (-20°C) up to 1 year	Biuret	No Reference Range Available	M - SU	4HR
Toxocara	LAB8729	TCARA	86682	Reference Lab	Container: SST Preferred: 1 ml serum Process: Spin and separate Transport: Send serum refrigerated **NOTE** Separate specimens must be sent for multiple tests	Semi-Qnt ELISA	Call Ref Lab		12 days
Toxoplasma Gondii Ab IgA	LAB802	TXPGA	86777	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.1 ml serum Process: Spin and separate Transport: Send refrigerated	ELISA	Call Ref Lab		10 days
Toxoplasma gondii IgG Antibody	LAB501	TOXOG	86778	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	ELISA	Negative	Batched at least 2x weekly	1-3 days
Toxoplasma gondii IgM Antibody	LA659	TOXOM	86762	Immunology	Container: 1 SST tubes Preferred: 1 ml Serum Minimum: 0.5 ml Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate	IFA	Negative	M - F	1-3 days
Toxoplasma Gondii PCR Blood	LAB9975	TOXB	87798	Reference Lab	Container: EDTA lavender top tube Preferred: 1 ml whole blood Process: Do not spin Transport: Send whole blood refrigerated	PCR/DNA Probe Hybridization	Call Ref Lab		4 days
Toxoplasma PCR	LAB8264	TPCR	87798	Reference Lab	Container: Sterile container Preferred: 1 ml amniotic fluid Minimum: 0.3 ml amniotic fluid Process: Maintain sterility of specimen Transport: Send refrigerated **NOTE** Specimens grossly contaminated with blood may inhibit the PCR and produce false-negative results	PCR/DNA Probe Hybridization	Call Ref Lab		4 days
TPMT	LAB8265	TPMT	81401	Reference Lab	Container: 1 EDTA purple top tube Preferred: 5 mLs whole blood Process: Do not spin Transport: Send refrigerated		Call Ref Lab		5 days
Tragacanth IgE	LAB095317	TRAG	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Tramadol LC/MS Urine	LAB10003	TRAMS	G0480	Chemistry	Container: Random urine container Preferred: 3 mLs urine Minimum: 300 ul Transport: Send refrigerated Storage: 2 days at room temperature 6 days refrigerated at 2 to 8°C 30 days frozen at -15 to -30°C	Liquid Chromatography Tandem Mass Spectrometry	See Report	M - F	3 days
Transferrin	LAB133	TRAN	84466	Chemistry	Container: 1 Lithium Heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 3 days Freeze (20°C) up to 6 months	Immunoturbidimetric	200-360 mg/dl	M -Su	4HR

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Transforming Growth Factor Beta (TGF-Beta)	LAB095040	TGFB	83520	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 2 hrs Transport Send serum frozen **NOTE** Separate specimens must be sent for multiple tests.		Call Ref Lab		8 days
Transplant (Renal) Allogeneic Screening Crossmatch	LAB8269	TXRXM	86805	HLA	1.0 ml of serum, must have current specimen in lab, or current serum blood draw. This is drawn on the recipient. Separate order required for living donor as Donor Blood HLA Crossmatch. (TXDON)	Microcytotoxicity of Flow Cytometry	See Report	M - F	6 days
Transplant (Renal) Autologous Crossmatch	LAB8266	AUXM1	86805	HLA	1.0 ml of serum, AND 20 ml of ACD-A anticoagulated blood. Do not refrigerate. Do not spin. Keep at room temperature. Test draw can be combined with HLA - ABC and/ or HLA-DR typing using a total of 4 ACD-A tubes, and 1.0 ml of serum.	Flow Cytometry or Microcytotoxicity	See Report	M-F	48 HR on open donor case
Transplant (Renal) Final Allogeneic Crossmatch	LAB8269	TXRXM	86825 and 86826 or 2 X 86805	HLA	1.0 ml of serum, drawn on the recipient. Separate order required for living donor as Donor Blood HLA Crossmatch. (TXDON)	Flow Cytometry or Microcytotoxicity	See Report	M-Su	7 days
Transplant (Renal) HLA - ABC Typing HLA Class I Type	LAB8267	TXHL1	81372	HLA	One 10 ml yellow top (ACD-A) tube or Do not refrigerate. Do not spin. Keep at room temperature.	PCR - SSP	See Report	M - F	15 days
Transplant (Renal) HLA-PRA	LAB8270	TXPRA 41308	86828 86829	HLA	1 ml serum. Notify lab if patient has been transfused within the last 7 days. If patient is to be transfused, draw the specimen before transfusion.	Enzyme-linked Immunosorbent Assay (ELISA) or Flow Cytometry or Multiplex Immunoassay	See Report	M - F (batch)	7 DAYS
Transplant HLA - DR Typing Transplant (Renal) HLA Class II Type	LAB8268	TXHL2	81375	HLA	10 ml of blood in 1 yellow top (ACD-A) tube. Do not spin. Store at room temperature.	PCR - SSP	See Report	M - F	7 days
Transplant HLA Typing Complete	LAB8804	TXTYP	81370	HLA	20 ml of blood in two yellow tip (ACD-A) tubes. Do not refrigerate. Store at room temperature. Notify lab if patient has been transfused.	PCR-SSP	See Report	M-F	1 - 3 days
Tree Panel #1 IgE Birch (silver), Box Elder/Maple, Elm, Oak, Walnut	LAB095379	TREE1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Tree Panel #2 IgE Cedar (Mountain), Cottonwood, Elm, Mesquite, Oak	LAB095380	TREE2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Tree Panel #3 IgE Cottonwood, Elm, Grey Adler, Hazelnut, Willow	LAB095390	TREE3	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Tree Panel #4 IgE Acacia, Eucalyptus, Melaleuca leucadendron, Olive, Pine (white), Willow	LAB095391	TREE4	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Treponema Pallidum Particle Agglutination (TPPA)	LAB1197	TPPA	86780	Immunology	Container 1 SST Tube or 1 Lithium Heparin tube Preferred 1 ml Serum/ Plasma Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Agglutination	Negative	M-F	1-3 days
Trichinella Ab IgG	LAB1268	TRCHN	86784	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.15 ml serum Process Spin and separate Transport Send frozen	ELISA	Call Ref Lab		5 days
Trichoderma Viride IgE	LAB095395	TVIRI	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Trichomonas Vaginalis PCR	LAB921	TVPCR	87661	Molecular	Specimen: Genital Swab in APTIMA Collection Device (same tube can be used for CT/NG); 20-30 mL of first-catch urine. Transfer at least 1 mL to APTIMA Collection Tube. Container: APTIMA Collection Device Minimum: 1.0mL Storage: 2-30°C Transport: Keep cool	Target Amplification	Negative	Batched M - F	1 - 3 days
Trichophyton Rubrum IgE	LAB0700300	TRUBR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Trichosporon Pullulans IgE	LAB095259	TPULL	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Tricyclic Antidepressant	LAB8273	TCA	80335	Chemistry	Container: Random Urine Container Preferred: 20 mL of urine Minimum: 10 mL of urine Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Preservative - None Refrigerate (2-8°C) up to 5 days Freeze (-20°C) if not done within 5 days	Immunochromatography	Negative	M - Su	4HR
Triglyceride	LAB134	TRIG. 11700	84478	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature (20-25°C) up to 24 hours Refrigerate (2-8°C) up to 7 days Frozen (-20°C) up to 1 year	Glycerol Phosphate Oxidase	See Report	M - SU	4HR
Triglyceride, Body Fluid	LAB200	TGL.F	84478	Chemistry	Container: Sterile Container Preferred: 5 mL body fluid Minimum: 1 mL body fluid Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 1 week Freeze (-20°C) up to 1 year	Glycerol Phosphate Oxidase	No Reference Range Available	M - SU	4HR
Trileptal (oxcarbazepine)	LAB484	TRLPT	80183	Reference Lab	Container: 1 plain red top tube Preferred: 1 mL serum Minimum: 0.5 mL serum Process: Draw specimen immediately before next scheduled dose. Spin and separate within 2 hrs Transport: Send refrigerated **NOTE** No SST tubes	HTLC-MS/MS	Call Ref Lab		6 days
Trimipramine	LAB8274	TRIMI	80335	Reference Lab	Container: 1 plain red top tube Preferred: 2 mL serum Process: Spin and separate Transport: Send room temp, alter 3 days - refrigerate Note: No SST tubes	LC/MS/MS	Call Ref Lab		10 days
Trofile - HIV	LAB8275	TFILE	87999	Reference Lab	Container: 1 EDTA purple top tube Preferred: 3 mL plasma Process: Spin and separate immediately Transport: Send frozen Note: Viral load must be >or = 1000 copies/mL		Call Ref Lab		3 weeks
Troponin I	LAB747	TROPI	84484	Chemistry	Container: Lithium Heparin (green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge within 2 hours of collection Storage: Refrigerate (2-8°C) up to 8 hours after collection Transport: Refrigerate **NOTE** Serum acceptable If testing not performed within 8 hours, separate plasma or serum from cells, clot or serum separator and store at (2-8°C) up to 72 hours Frozen (-10°C or below) up to 30 days	Chemiluminescence Microparticle Immunoassay (CMIA)	See Report	M - SU	4HR
Trout IgE	LAB0700301	TROUT	86003	Immunology	Container: 1 SST tube Preferred: 0.5 mL serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Trypanosoma Cruzi IgG	LAB095106	TCRUZ	86753	Reference Lab	Container: 1 SST tube Preferred: 0.5 mL serum Process: Spin and separate within 2 hrs of draw Transport: Send serum refrigerated	Semi-Quantitative Rapid Strip Assay	Call Ref Lab		8 days
Tryptase	LAB827	TTASE	83520	Reference Lab	Container: 1 SST tube Preferred: 0.5 mL serum Minimum: 0.2 mL serum Process: Spin and separate Transport: Send frozen	FEIA	Call Ref Lab		3 days
TSH Receptor Ab	LAB547	TTRRA	83520	Reference Lab	Container: 1 plain red top tube Preferred: 1 mL serum Minimum: 0.5 mL serum Process: Spin and separate Transport: Send refrigerated **NOTE** Patients should not take multivitamins or dietary supplements containing biotin (Vitamin B7) for 12 hours prior to collection	Binding Inhibition Assay	Call Ref Lab		3 days
Tumor Necrosis Factor - Alpha	LAB9310	TNF-A	83520	Reference Lab	Container: SST tube Preferred: 1 mL serum Process: Spin and separate within 2hrs Transport: Send Frozen **NOTE** Separate specimens must be submitted for multiple tests	Quant Multiplex Bead Assay	Call Ref Lab		5 days
Tuna IgE	LAB090840	TUNA	86003	Immunology	Container: 1 SST tube Preferred: 0.5 mL serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Turkey Feathers IgE	LAB0700303	TURKF	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Turkey IgE	LAB095251	TURKY	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Type and Cross (to prepare RBCs)	LAB8278	TCROS	86900 86901 86850 86923/ 86922/ 86920	Transfusion Service Blood Bank	Container: 6ml EDTA pink top Minimum: 3ml EDTA purple top Storage: RT	Column Agglutination Hemagglutination Solid Phase	NA		8 hours
Type and Screen	LAB276	TNS	86900 86901 86850	Transfusion Service Blood Bank	Container: 6ml EDTA pink top Minimum: 3ml EDTA purple top Storage: RT	Column Agglutination Hemagglutination Solid Phase	NA		6 days
Typhus Fever Abs	LAB75000340	TFAB	86757 x 2	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Process: Spin and separate within 2 hrs. Transport: Send serum refrigerated	Semi-Quantitative Indirect Fluorescent Ab	Call Ref Lab		4 days
Ulocladium Chartarum IgE	LAB952060	UCHAR	86003	Immunology	Container: 1 SST tube Preferred: 0.5 ml serum for each 5 allergens Process: Spin and separate Storage: Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Ultrasensitive PSA	LAB9229	U.PSA	84153	Reference Lab	Container: 1 SST tube Preferred: 1 ml serum Minimum: 0.5 ml serum Process: Allow specimen to clot completely at room temperature. Spin and separate within 2 hrs Transport: Send frozen	Electrochemiluminescent Immunoassay	Call Ref Lab		2 days
Unstimulated Bone Marrow to detect chromosome abnormalities in malignancy	LAB8279	G-BM	88237 x2 88264 x1 88280 x2 88291 x1	Cytogenetics	3-5 mLs of bone marrow from the 1st aspiration or 2nd aspiration after needle rotation drawn in a heparinized syringe and transferred to a sodium heparin (green top) tube for hematologic abnormalities. Room temp.	Culture for 24-72 hours depending on indication, harvest and analysis of chromosomes	Normal male (46,XY) or normal female (46,XX)	M - Su	1-2 weeks If faster turn around needed call lab at 254-724-3704
Unstimulated Peripheral Blood to detect chromosome abnormalities in malignancy	LAB8280	G-PB	88237 x2 88264 x1 88280 x2 88291 x1	Cytogenetics	3-5 mLs of blood in sodium heparin (green top) tube. Room temp.	Culture for 24-72 hours depending on indication, harvest and analysis of chromosomes	Normal male (46,XY) or normal female (46,XX)	M - Su	4 HR
Urea Nitrogen - Urine (Random)	LAB748	UUN.R 14992	84540	Chemistry	Container: Random Urine Container Preferred: 10 mL of urine Minimum: 5 mL of urine Process: Centrifuge Preservative: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days Freeze (-10°C) up to 1 month	Urease with GLDH	No Reference Range Available	M - SU	4HR
Urea Nitrogen - Urine (24 Hr)	LAB8281	UUN 14991	84540	Chemistry	Container: 24 Hour Urine Container Preferred: 10 mL aliquot from well mixed 24 hr collection Minimum: 5 mL of aliquot from well mixed 24 hr collection Process: Centrifuge Preservative: None Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Room Temperature (20-25°C) up to 2 days Refrigerate (2-8°C) up to 7 days Frozen (-20°C) up to 1 month	Urease with GLDH	667 - 2500 mg/dL 12 - 20 gm/24hrs	M - SU	4HR
Ureaplasma spp and M. Hominis Culture	LAB0700428	URMYC	87109	Reference Lab	Container: Viral transport media Preferred: 0.5 ml fluid or swab Process: Place fluid or swab in viral transport media Transport: Good ambient 8 hrs, refrigerate 48 hrs. Cannot be stored in -20 degrees. Store and send frozen on dry ice. **NOTE** Do not use M4 RT media	Culture	Call Ref Lab		8 days
Uric Acid	LAB0850130	URIC 11400	84550	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Room Temperature(20-25°C) up to 3 days Refrigerate (2-8°C) up to 7 days Freeze(-20°C) up to 6 months	Uricase	See Report	M - SU	4 HR
Urinalysis - Routine	LAB999073	UA 60000	81001	Urinalysis	Container: 1- Sterile, plastic, leak-resistant urine container Preferred: 8.0 mL urine; please specify source (1st AM, clean catch, random catch) Minimum: 2-mL urine for adults; 1-mL urine for pediatric. Sample volume less than 2 mL, may limit the extent of procedure. Process: Deliver immediately to laboratory Storage: Room temperature if delivered to laboratory within 1-hour of collection; otherwise refrigerate Transport: Tightly seal lid; Keep cool. **NOTE** Screening for reducing substance not included.	Visual, Test Strip & Microscopic Exam; Automated or Manual	See Report	M - SU	2 HR

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Urinalysis, Chemistry Dipstick Only	LAB8283	UADIP	81002	Urinalysis	Container 1- Sterile, plastic, leak-resistant urine container Preferred 8.0 mL urine; please specify source (1st AM, clean catch, random catch) Minimum 2-mL urine for adults; 1-mL urine for pediatric Process Deliver immediately to laboratory Storage Room temperature if delivered to laboratory within 1-hour of collection; otherwise refrigerate Transport Tightly seal lid; Keep cool	Test Strip; Automated or Manual	See Report	M - SU	2 HR
Urinalysis, Microscopic Only	LAB8284	UAMIC	81015	Urinalysis	Container 1- Sterile, plastic, leak-resistant urine container Preferred 8.0 mL urine; please specify source (1st AM, clean catch, random catch) Minimum 2-mL urine for adults; 1-mL urine for pediatric Process Deliver immediately to laboratory Storage Room temperature if delivered to laboratory within 1-hour of collection; otherwise refrigerate Transport Tightly seal lid; Keep cool	Macroscopic & Microscopic Screen; Automated or Manual	See Report	M - SU	48 HR
Urine Culture	LAB239	UC	87086	Microbiology	Give patient clear and detailed instructions for a clean catch specimen (directions also provided in collection kit). Transfer to a grey top vacutainer and deliver to the Microbiology Lab within 24 hours. If inpatient, specimen must be collected in a grey top vacutainer and be received in the laboratory within 2 hours. If immediate transport is not possible, refrigerate the specimen.	Bacterial culture	No organisms isolated or Mixed Urethral Flora	M - SU	48 hrs
Urine Drug Screen Mail Out	LAB7896	DRGU	80307	Reference Lab	Container Random urine container Preferred 30 mls urine Minimum 7 mls urine Transport Send urine room temp	IA/MS	Call Ref Lab		10 days
Uro Risk Profile	LAB8286	URRK	82340 82507 82570 83735 83945 83986 84105 84133 84300 84392 84560	Reference Lab	Container Special 24 hr jug provided by Quest Process Special instructions with kit Transport Send refrigerated **NOTE** Do not aliquot, send entire jug		Call Ref Lab		10 days
Valproic Acid	LAB084095	VALPR 18500	80164	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Centrifuge Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 48 hours Freeze (-20°C) up to 7 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	50 - 100 mcg/mL	M - SU	4 HR
Vancomycin - Peak	LAB41	VANCP 73531	80202	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Collect 1 hour after infusion Refrigerate (2-8°C) up to 7 days Frozen (-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	20 - 40 mcg/mL	M - SU	4 HR
Vancomycin - Random	LAB40	VANCR 73532	80202	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Refrigerate (2-8°C) up to 7 days Frozen (-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	See Report	M - SU	4 HR
Vancomycin- Trough	LAB39	VANCT 73530	80202	Chemistry	Container: 1 Lithium Heparin (Green top) tube Preferred: 2 mL plasma Minimum: 1 mL plasma Process: Spin and separate Storage: Refrigerate (2-8°C) Transport: Refrigerate **NOTE** Serum acceptable Collect 15mins before infusion Refrigerate (2-8°C) up to 7 days Frozen (-10°C) up to 14 days	Particle Enhanced Turbidimetric Inhibition Immunoassay (PETINIA)	See Report	M - SU	4 HR
Vanilla IgE	LAB0700304	VANIL	86003	Immunology	Container: 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Vanillylmandelic Acid (VMA) Urine	LAB9149	VMAUR	84585	Reference Lab	Container 24 hr urine container with no preservative, refrigerate during collection. Random acceptable. Preferred 4 mls urine Transport Send urine refrigerated **NOTE** Abstain from medications for 72 hours prior to collection	Qnt HPLC/Tandem MS	Call Ref Lab		6 days
Varicella IgM	LAB9144	VARM	86787	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.1 ml serum Process Spin and separate within 2 hours Transport Send refrigerated	ELISA	Call Ref Lab		6 days
Varicella Zoster IgG Antibody	LAB162	VZVG	86787	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Multiplex Immunoassay	Negative	M-Su	1-3 days
Varicella Zoster Virus (VZV) (Other)	LAB8288	VZVO	87798 x 1	Molecular	Swab in M4 Viral Transport Media *Store at 2-8°C (Refrigerate)	Real Time PCR	Negative	Batched M - F	1-3 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
Vascular Endothelial Growth Factor	LAB9981	VEGF	82397	Reference Lab	Container EDTA lavender top tube Preferred 1 ml plasma Process Spin and separate within 2 hrs Transport Send frozen **NOTE** Separate tubes must be sent for multiple tests	Quant Chemiluminescent Immunoassay	Call Ref Lab		10 days
VDRL - CSF	LAB9417	VDCSF	86592 VDITI 86593	Immunology	Container CSF Tube Preferred 1 ml Serum Minimum 0.5 ml Storage Refrigerate (2-8°C) Transport Refrigerate	Flocculation	Non-reactive	M - SU	1 day
VDRL - Serum	LAB99312	VDRL	86592 VDITI 86593	Immunology	Container 1 SST tubes Preferred 1 ml Serum Minimum 0.5 ml Process Centrifuge Storage Refrigerate (2-8°C) Transport Refrigerate	Flocculation	Non-reactive	M - SU	1 day
Very Long Chain/Branched-Chain Fatty Acids	LAB987	VLBCF	82726	Reference Lab	Container EDTA lavender top tube Preferred 0.5 mls plasma Process Spin and separate. Pour off and freeze immediately Transport Send plasma frozen **NOTE** Separate specimens must be sent for multiple tests. Adults Fasting specimen preferred Infants and children Draw specimen prior to feeding or 2-3 hours after a meal	LC/TMS	Call Ref Lab		10 days
Vitamin A	LAB580	VTMNA	84590	Reference Lab	Container SST Tube Preferred 1 ml serum Process Spin and separate within 1 hour. Immediately pour off into plastic tube. Transport Send refrigerated **NOTE** Pt should fast for 12 hrs and abstain from alcohol for 24 hrs prior to draw	Quant HPLC	Call Ref Lab		5 days
Vitamin B1 (Thiamine)	LAB125	VTBIW	84425	Reference Lab	Container: 1 sodium green top tube Preferred: 3 mls whole blood Minimum: 0.6 ml Process Aliquot whole blood into plastic pour off tube Transport: Send whole blood frozen **NOTE** EDTA whole blood also acceptable. Separate specimens must be sent for multiple tests.	HPLC	Call Ref Lab		5 days
Vitamin B12	LAB67	VB12 68120	82607	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Spin and separate Storage Refrigerate (2-8°C) Transport Refrigerate **NOTE** No Hemolyzed Samples Lithium Heparin Acceptable Room Temperature 3 days Refrigerate (2-8°C) up to 7 days Freeze (-20°C)	Chemiluminescent Microparticle Immunoassay (CMIA)	See Report	M - SU	4 HR
Vitamin B2 (Riboflavin)	LAB9452	VB2	84252	Reference Lab	Container: Sodium heparin green top tube Preferred: 1 ml plasma Process: Spin and separate within 1 hour. Protect from light during collection, storage and shipment. Transport: Send plasma frozen	Quant HPLC	Call Ref Lab		7 days
Vitamin B6	LAB120	VTMB6	84207	Reference Lab	Container: Sodium heparin green top tube Preferred: 1 ml plasma Process: Protect from light during collectin, storage and shipment. Spin and separate within 1 hr. Transport: Send plasma frozen **NOTE** Pt must be fasting overnight. Separate specimens must be submitted for multiple tests.	Quant HPLC	Call Ref Lab		6 days
Vitamin C (Ascorbic Acid)	LAB671	ABSAC	82180	Reference Lab	Container Lithium heparin green top tube Preferred 0.5 mls plasma Process Place tube in ice bath immediately. Spin, separate and freeze within 1 hr. Protect from light Transport Send plasma frozen **NOTE** Separate tubes must be sent for multiple tests.	HPLC	Call Ref Lab		7 days
Vitamin D 25 (Hydroxy)	LAB535	VITD	82306	Chemistry	Container 1 SST tube Preferred 2 mL serum Minimum 1 mL serum Process Centrifuge Storage Refrigerate (2 - 8° C) **NOTE** Lithium Heparin Acceptable Room temperature up to 3 days Refrigerate (2 - 8° C) up to 12 days Freeze (-20°C) up to 3 months	Chemiluminescence Microparticle Immunoassay (CMIA)	30 - 80 ng/mL	M - Su	4 HR
Vitamin E	LAB130	VITAE	84446	Reference Lab	Container SST tube Preferred 1 ml serum Process Spin and separate within 1 hr. Immediately pour off into plastic tube. Transport Send serum refrigerated **NOTE** Pt must be fasting 12 hrs and abstain from alcohol for 24 hrs prior to draw	HPLC	Call Ref Lab		5 days
Vitamin K	LAB1110	VT.K	84597	Reference Lab	Container 1 SST tube Preferred 2.5 ml serum Minimum 0.6 ml serum Process Spin and separate; aliquot into amber tube to protect from light Transport Send frozen **NOTE** Protect from light during collection, storage and shipment. Pt should be fasting 12 hrs and should not consume alcohol for 24 hrs prior to draw. Separate specimens must be sent for multiple tests.	HPLC	Call Ref Lab		5 days

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TEST	EPIC CODE	Soft Lab Code	CPT Code	Dept	Specimen Requirement	Methodology	Reference Range	Set-up Day	Results available
VMA Random Urine	LAB8293	VM.RA	84585	Reference Lab	Container Random urine container Preferred 5 mls urine Minimum 3 mls urine Storage Send refrigerated **NOTE** Patient should abstain from medications for 72 hours prior to collection	Enzyme-Linked Immunosorbent Assay	Call Ref lab		5 days
von Willebrand Factor Activity	LAB3045111	VWACT	84715	Hematology	Container 2 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK Preferred 2 mL plasma Minimum 1.0 mL plasma Process Centrifuge specimen ASAP, remove plasma and freeze in plastic tubes Storage Freeze plasma **NOTE** Transport Frozen; DO NOT transport until sample is completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Latex Enhanced Immunoassay	Blood Type Adjusted Reference Ranges: Blood Type O 40 - 126% Non-Blood Type O 49 - 163%	M - F (batch)	3 days
von Willebrand Factor Antigen	LAB757	VWAG	85246	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 1.0 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	Latex Enhanced Immunoassay	66 - 176%	M - F (batch)	2 HR
von Willebrand Ristocetin Cofactor	LAB8294	VVRCF	85245	Coagulation	Container 1 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 1.0 mL plasma Process Centrifuge specimen ASAP, remove plasma & freeze in plastic tubes Storage Freeze plasma Transport Frozen; DO NOT transport until sample completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	platelet aggregation	40 - 150%	M - F (batch)	3 Days
von Willebrand Screen	LAB331	VWSCR	86510 85730 85670 85246 85245	Coagulation	Container 2 - sodium citrate (blue top) tube; fill tube to FILL LINE MARK. Preferred 2 mL plasma Minimum 1.0 mL plasma Process Centrifuge specimen ASAP, remove plasma and freeze in plastic tubes Storage Freeze plasma **NOTE** Transport Frozen DO NOT transport until sample is completely frozen for at least 1 hour prior to shipping. DO NOT thaw sample after freezing.	See individual tests	See individual tests	M - F (batch)	3 Days
Voriconazole	LAB9757	VRCZ	80299	Reference Lab	Container: Plain red top Preferred: 1 ml serum Process: Spin and separate Transport: Send serum frozen **NOTE** No SST tubes	Quant HPLC/MS	Call Ref Lab		7 days
VW Multimer	LAB1111	VWFM2	85247	Reference Lab	Container 1 blue top citrate tube Preferred 1 ml platelet-poor plasma in 2 vials of .5 ml each Process Spin and separate, spin again, place plasma in plastic vial Storage Send plasma frozen. **NOTE** Specimen should be drawn prior to coagulation factor replacement therapy.	Electrophoresis	Call Ref Lab		2 weeks
Walnut (food) IgE	LAB0850044	WALNT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Walnut Tree	LAB090780	WALTR	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Warfarin Level	LAB8296	WARFN	80375	Reference Lab	Container 1 plain red top tube Preferred 1 mls serum Process Spin and separate Transport Send refrigerated **NOTE** No SST tubes	HPLC/MS	Call Ref Lab		10 days
Wasp Venom (paper) IgE	LAB7000226	WASPV	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Watermelon IgE	LAB0700309	WATMN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Weed Panel #1 IgE English Plantain, Lamb's Quarter, Mugwort, Russian Thistle, Short Ragweed	LAB095381	WEED1	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Weed Panel #2 IgE English Plantain, Lamb's Quarter, Mugwort, Red Scale, Western Ragweed	LAB095382	WEED2	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Weed Panel #3 IgE English Plantain, Lamb's Quarter, Red Sorrel, Russian Thistle	LAB095392	WEED3	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Weed Panel #4 Giant Ragweed, Short Ragweed, Western Ragweed	LAB095383	WEED4	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
West Nile IgG	LAB9459	WNIGG	86789	Reference Lab	Container SST Tube Preferred 1 ml serum Process Spin and separate within 2 hours Transport Send serum refrigerated	Semi-Quant Enzyme-Linked Immunosorbent Assay	Call Ref Lab		5 days
West Nile Virus IgM	LAB9169	WNIGM	86788	Reference Lab	Container 1 SST tube Preferred 1 ml serum Minimum 0.15 ml serum Process Spin and separate within 2 hours of draw Transport Send refrigerated	ELISA	Call Ref Lab		7 days
West Nile Virus IgM CSF	LAB9571	WN.VM	86788	Reference Lab	Container: Sterile container Preferred: 2mls CSF Transport: Send refrigerated	Semi-Quant enzyme-linked Immunosorbent Assay	Call Ref Lab		7 days
West Nile Virus PCR (Blood)	LAB9935	WNPCR	87798	Molecular	Specimen EDTA Plasma or Serum Container 3 ml lavender tube/SST Tube Minimum 0.5 ml Storage Freeze Transport Freeze	PCR	Negative Batched M - F		48 Hr
West Nile Virus PCR (CSF)	LAB9934	WNCSF	87798	Molecular	Container CSF Container Sterile Container Minimum 0.5 ml Storage Freeze Transport Freeze	PCR	Negative As needed		48 hours
Western Ragweed IgE	LAB0700262	WRAGW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Wet Prep - Vaginal	LAB252	WET	87210	Hematology	Vaginal swab placed in a sterile tube containing 2 ml of sterile saline. Transport Send to the laboratory within 15 minutes at ambient temperature. If transport delayed, sample stability will be degraded and results should be interpreted with caution. Do not refrigerate.	Manual/saline wet mount/microscopy	No T. vaginalis, No yeast, No clue cells, No WBC's	M - SU	1 hour
Wheat IgE	LAB090586	WHEAT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Whey (Cow) IgE	LAB0700312	WHEY	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Whipple's Disease	LAB8309	WHIP	87798	Reference Lab	Container 1 EDTA purple top tube Preferred 1 ml whole blood Minimum 0.5 ml whole blood Process Do not spin Transport Send refrigerated	PCR	Call Ref Lab		7 days
White Ash IgE	LAB090632	ASH	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
White Bean IgE	LAB0700315	WBEAN	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
White Blood Cell (WBC)	LAB299	WBC	85048	Hematology	Container 1 EDTA (lavender) tube must be more than 1/2 full for accurate results Preferred 2-3 mL whole blood Vacuanted Collection Tube Minimum 1/3 of optimal collection volume of vacuanted collection tubes Microcontainer Minimum 0.5 mL Storage Store whole blood at room temperature if testing is performed within 4-hours of collection; otherwise refrigerate. Refrigerated sample satisfactory for 24-hours. Transport Keep cool	Cell Counter; Automated	4,800 - 10,800 /mm3 Adult; See report for age specific ranges.	M - SU	1 - 3 days
White Potato IgE	LAB0700256	POTAT	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
White-Faced Hornet Venom IgE	LAB700313	WFHV	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day

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Wild Rye Grass IgE	LAB095304	WRGRS	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Willow IgE	LAB0700316	WILOW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Wormwood IgE	LAB09633	WORMW	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Wound Culture	LAB999078	WOUCU	87070	Microbiology	Collect sample by Eswab and send to the laboratory. Recommend ordering a Gram stain and an anaerobe culture with every wound culture. The Eswab transport device will allow Gram stain, wound culture and anaerobe culture from a single specimen. Transport Ambient temperature 24 hours (preferred) and refrigerated (2 - 8° C) 24 hours. Refrigerated specimens not preferred for Neisseria species	Bacterial culture	No organisms isolated.	M - SU	48 hrs
Yeast (Baker's, Brewers) IgE	LAB0700318	YEAST	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Yellow Face Hornet Venom IgE	LAB0700322	YFHV	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Yellow Jacket (common wasp) Venom IgE	LAB0700322	YEJAV	86003	Immunology	Container 1 SST tube Preferred 0.5 ml serum for each 5 allergens Process Spin and separate Storage Refrigerate (2-8°C)	FUEA (ImmunoCAP)	< 0.35 (Class 0-Negative) **NOTE: Only one result generated for panels	M - F	1 day
Zarontin (Ethosuximide)	LAB683	ETX	80168	Reference Lab	Container 1 SST tube Preferred 0.5 ml serum Minimum 0.25 ml serum Process Spin and separate within 2 hrs Transport Send refrigerated	Immunoassay	Call Ref Lab		2 days
Zika Virus IgM	LAB092108	ZKVGIM	86790	Reference Lab	Container SST tube Preferred 2 mls serum Process Spin and separate within 2 hrs Transport Send serum refrigerated **NOTE** Patient history questions must be completed	Semi-Qnt Enzyme-Linked Immunosorbent Assay	Call Ref Lab		7 days
Zinc Protoporphyrins	LAB9963	ZPPAR	84202	Reference Lab	Container EDTA lavender top Preferred 1 ml whole blood Process Do not spin Transport Send whole blood refrigerated	Qnt Hematofluometry	Call Ref Lab		5 days
Zinc Serum	LAB9151	ZNC	84630	Reference Lab	Container: Royal blue monoject tube no additive Preferred: 2 mls serum Process: Spin and separate within 2 hrs, pour off into metal free tube Transport: Send room temp **NOTE** Patient should discontinue nutritional supplements, vitamins, minerals and nonessential over-the-counter medications for one week prior to draw	Quant Inductively Coupled Plasma-Mass Spec	Call Ref Lab		4 days
Zinc Transporter 8 Antibody	LAB9618	ZNCT8	86341	Reference Lab	Container SST tube Preferred 0.5mls serum Process Spin and separate Transport Send serum refrigerated	Quant ELISA	Call Ref Lab		8 days