

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|------------------------------|--|---|---------------------------------------|--------------------------------------|--|---|
| D-Dimer, Quantitative | 85379 | 1 – Sodium Citrate Tube (blue top tube) | Plasma Storage 8 hours @ 20°C 1 month @ -20°C | ≤ 230 ng/mL DDU | Set up: 24 hours, daily | Stat: 1 hour Routine: 2 hours | Tube must be full and not clotted. < 230 ng/mL : DVT and PE can be ruled out, unless there is a very high pretest probability that the patient is likely to have a DVT or PE. > 230 ng/mL : DVT or PE cannot be ruled out. Elevated levels can be found in DIC, pregnancy, old age, peripheral arteriopathy, coronary disease, thrombolytic treatment, cancer, liver disease, infection, inflammation and hematoma. |
| DAT (Direct Antiglobulin Test) (Blood Bank) | 86880 | 1 – EDTA 6 mL Tube (Pink top) 1 mL minimum volume | Ambient | Negative | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | <i>Includes: DAT IgG and DAT C3.</i> |
| DAT IgG (Newborn) | 86880 | Cord Blood or Purple bullet 1 mL minimum Cord Blood | Ambient | Negative | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Included in the Newborn Cord Blood Study. |
| Delta Aminolevulinic Acid, 24 hour Urine | 82135 81050 | 24 hour, Urine 2 mL required volume 0.6 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday | 3 – 4 days | <i>Outside Reference Laboratory</i> Refrigerate during and after collection. Please collect without preservative. Provide a 2mL aliquot from a well-mixed 24hr urine collection. Wrap aliquot in aluminum foil to protect from light. Patient name must be both on tube and light protection along with 24-hour total volume. Please also note volume on the test request form. |
| Delta OD 450 | 82143 | Amniotic Fluid | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 24 hours | <i>Outside Reference Laboratory</i> Protect from light. |
| Dengue Fever Antibodies IgG, IgM | 86790 x2 | Serum: SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>Interpretive Data</i> | Set up: Tuesday – Saturday | 2 – 5 days | <i>Outside Reference Laboratory</i> |
| Depakene (Valproic Acid) | 80164 | Serum: SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | 50.0 - 100.0 µg/mL | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Critical Values: > 125.0 µg/mL |

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| <p>DFA Stain Herpes Simplex</p> <p>(Herpes Direct Test or Herpes Simplex Antigen or Herpes Direct)</p> | <p>87274 87273 If reflexed: 87252 87253 For DFA stain 87299</p> | <p>Specimen: Vesicular lesions, ulcerated lesions, crusts, eye exudates. Send as a direct specimen or in a touch prep slide.</p> <p>Collection: Ulcerated lesions (genital, oral, or other body site): Cells in the base of the lesion contain HSV. The base of the lesion should be scraped with a sterile scalpel to collect cells. Scalpel is agitated in transport medium.</p> <p>Eye Exudates: The exudates (pus) should be absorbed onto a swab. The palpebral conjunctiva should be firmly rubbed with a swab moistened with suitable sterile diluent. Aseptically place swab into transport tube.</p> <p>Biopsy and autopsy specimens: Fresh, unfixed tissue from suspect sites should be collected. Use a separate sterile instrument for each sample. Identify each tissue source and place each source in a separate container. The small samples (approximately 1.5 cm X 1.5 cm) should be placed in a transport tube.</p> <p>Cerebrospinal fluid (CSF): CSF should be collected in a sterile tube and 0.5 – 2 mL sent to the Laboratory.</p> <p>Throat and pharyngeal</p> | <p>Ambient</p> | <p>Negative</p> | <p>Set up: daily 7:00 am to 4:00 p.m.</p> | <p>Same day</p> | <p>Direct fluorescent Antibody detection. There are many variables, which may affect the performance of any procedure, such as poor specimen collection or transport. Thus, a negative result does not exclude the possibility of an HSV infection in the patient.</p> <p>Storage Instructions: Transport specimen fresh to the laboratory as quickly as possible or freeze.</p> |

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| DFA Stain Herpes Simplex -continued- (Herpes Direct Test or Herpes Simplex Antigen or Herpes Direct) | | specimens: For nasal specimens use a dry sterile swab for each nostril, absorb as much nasal secretion as possible. Collect throat swabs by rubbing the tonsils and back of pharynx with the swab. Avoid touching the tongue or buccal mucosa. Aseptically insert swab into transport tube. | | | | | |
| Dermatophagoides Farinae IgE See: Dust Mite (D. farina) Allergen | | | | | | | |
| Dermatophagoides Pteronyssinus IgE | 86003 | Serum SST, tiger top tube 1 mL required volume 0.1 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 - 4 days | Outside Reference Laboratory Alternate specimens: NONE Specimen unacceptable at room temperature. |
| Desipramine Level | 80335 G0480 | Serum, Plain red top tube, no gel Alternate: Plasma, EDTA – Lavender top tube | Ambient | <i>See Report or Scanned Document</i> | Set up: Tuesday– Saturday | 2 – 4 days | Outside Reference Laboratory Unacceptable: Collection with gel barriers (SST or PST), gross hemolysis |
| DHEA Unconjugated (Dehydroepandrosterone Unconjugated (DHEA)) | 82626 | Serum, Plain red top tube, no gel Alternate: Plasma, EDTA – Lavender top tube Alternate: Plasma Lithium Heparin PST light green top tube 1 mL required volume 0.3 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 – 5 days | Outside Reference Laboratory Collect between 6-10 a.m. Separate serum or plasma from cells ASAP or within 2 hours of collection. Stability: After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 6 months |
| DHEAS Formerly: DHEA Sulfate (Dehydroepandrosterone Sulfate – DHEA S) | 82627 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 – 3 days | Outside Reference Laboratory Serum separator tube (SST) (gold or red), allow specimen to clot fully, centrifuge, remove and freeze serum |

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| Diazepam Metabolites Formerly: Diazepam Level | 80346 G0480 | Serum Plain red top tube Alternate: Plasma Sodium Heparin green top tube Alternate: Plasma EDTA Lavender top tube 2 mL required volume 1.0 mL minimum volume | Refrigerate | See Report or Scanned Document | Set up: Tuesday, Friday | 2 – 6 days | Outside Reference Laboratory Patient Preparation: Timing of specimen collection: Pre-dose (trough) draw - At steady state concentration. Plain Red Clot tube, Green (Sodium Heparin), Lavender EDTA. Separate serum or plasma from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Gel separator tubes. Plasma or whole blood collected in light blue (sodium citrate). Hemolyzed specimens. Stability After separation from cells: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 3 years (Avoid repeated freeze/thaw cycles). |
| Differential | 85007 Manual 85004 Automated | 1 – EDTA Tube (purple top tube) | See Blood Count | See below for Reference Ranges of each test within the differential. <u>ATYL – Atypical Lymphocytes</u> 0 – 1 month0 % <u>BAND – Band Neutrophils</u> 0 – 1 month.....6 – 12 % 1 month–1 yr .0 – 12 % > 1 yr..... 0–10 % <u>BASO - Basophils</u> 0 – 1yr.....0 – 1 % > 1 yr0 – 2 % <u>EOS – Eosinophils</u> 0 – 1 month ...0 – 4 % > 1 month0 – 7 % <u>LYMP – Lymphocytes</u> 0 – 1 mon ...20 – 30 % 1 mon - 1 yr .50 – 70 % 1 yr – 13 yrs 32 – 49 % >13 yrs18 – 42 % <u>MONO – Monocyte</u> 0 – 1 mon....8 – 12 % > 1 month....4 – 12 % | Set up: 24 hours, daily | Stat: 1 hour Routine: 2 hours | Tube must be half full and not clotted. Add on time limit 8 hours. |

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| Differential -continued- | | | | <u>MORP – Morphology</u> <u>MYEL – Myelocytes</u> <u>NRBC – Nucleated Red Cells</u> <u>SEGS–Segmented Neutrophils</u> 0 – 1 month.....52 – 58 % 1 month–1 yr31 – 40 % 1 yr – 14 yrs45 – 62 % 14 yrs – 19 yrs ..45 – 65 % 19 yrs –44 – 74 % | | | |
| Digoxin Level | 80162 | Serum , SST 4 mL required volume 0.5 minimum volume | Refrigerate | See Report or Scanned Document | Set up: Monday - Saturday | 24 hours | Outside Reference Laboratory NO SST TUBES Collect specimen 8 – 12 hours (no earlier than 6 hours) after administration of oral dose. |
| Dilantin Level (Phenytoin) | 80185 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | 10.0 – 20.0 µg/mL | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Critical Value: > 25.0 µg/mL |
| Dilantin, Free See: Phenytoin, Free | 80186 | Serum (Plain red top tube) 2 mL required volume 1 mL minimum volume | | See Report or Scanned Document | Set up: Tuesday – Saturday | 1 – 4 hours | Outside Reference Laboratory Submit with Order: Indicate the following fields: 1. Dose: list drug amount and include the units of measure. 2. Route: List the route of administration (IV, oral, etc.) 3. Dose Frequency: Indicate how often the dose is administered per day, per week, as needed, etc.) 4. Type of Draw: indicate the type of blood draw (Peak, Trough, Random, etc.) |

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| Dilute Russell Venom Panel <i>Formerly: Russell Viper Venom</i> | 85613 | Whole Blood Sodium Citrate 2.3% light blue top tube Alternate: Double Spun Plasma Collect in sterile, capped plastic tube | Whole blood Specimen Ambient Double Spun Specimen Frozen | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday | 2 - 4 days | Outside Reference Laboratory Please indicate anticoagulant therapy. Each 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results. Whole blood must be transported to lab immediately. If testing cannot be started within 4 hours of collection the specimen must be double spun then 1.5mL plasma aliquot from each tube into individual plastic aliquot tubes and freeze. Do not pool aliquots together! |
| Direct LDL See: LD Direct | | | | | | | |
| Disopyramide Level See: Norpace-Disopyramide Phosphate | | | | | | | |
| DNA Antibody (Double-Stranded) <i>Formerly: Anti-DNA</i> | 86255 | Serum, SST, tiger top tube 1 mL required volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday | 3 days | Outside Reference Laboratory |
| Doxepin Panel <i>Formerly: Doxepin Level</i> | G0480 | Serum (Plain red top tube) 3 mL required volume 2.0 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 1 – 5 days | Outside Reference Laboratory NO SST TUBES. Collect as a trough or at least 12 hours after last dose. EDTA Sodium Heparin Gray Top |
| Dog Dander Allergen Formerly: Dog Dander IgE | 86003 | Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 - 4 days | Outside Reference Laboratory <i>Specimen unacceptable at room temperature.</i> |
| Drug Screen <i>Formerly: Drug Screen Clinical 1</i> | 80307 | Serum SST, tiger top tube 2 mL required volume 1 mL minimum volume | Refrigerate | | Set up: Daily | 1 – 2` days | Outside Reference Laboratory Only original un-opened tube accepted. |

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| Drugs of Abuse Screen | G0431 | Collect random urine specimen | Ambient | Negative | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Test Included: Barbiturates, Benzodiazepine, Cannabinoids, Cocaine, Methadone, Opiates, Phencyclidine, Amphetamine/ Methamphetamine. |
| Drugs of Abuse, Serum | 80307 80320 G0480 | Serum Plain red top tube/no gel 5 mL required volume 4.0 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | Varies | Outside Reference Laboratory NO SST TUBES Alternate specimen: Plasma (Sodium Heparin green top tube, Oxalate Fluoride Gray top , EDTA Lavender top tube). Includes: Amphetamines, Barbiturates, Benzodiazepines, Cannabinoids, Benzoylcegoinie, Methadone, Opiates, Phencyclidine, and Propoxyphene. |
| Dust Mite (D. farina) Allergen Formerly: Dermatophagoides Farinae IgE | 86003 | Serum SST, tiger top tube 0.3 mL required volume 0.15 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 3 days | Outside Reference Laboratory Alternate specimens: NONE |
| Ear Culture | 87070 | Inner Ear: Tympanocentesis reserved for complicated, recurrent, or chronic persistent otitis media. For intact ear drum, clean ear canal with soap solution and collect fluid via syringe aspiration technique. For ruptured ear drum, collect fluid on flexible-shaft swab via an auditory speculum. Outer Ear: Use moistened swab to remove any debris or crust from the ear canal. Obtain a sample by firmly rotating swab in the outer canal. | Ambient | “No Growth” | Set up: 24 hours, daily | 3 days Preliminary report issued daily. | Outer Ear: For otitis externa, <i>vigorous</i> swabbing is required since surface swabbing may miss streptococcal cellulitis. |

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| E. histolytica (amebiasis) IgG Antibody Formerly: E. histolytica Antibody IgG | 86753 | Serum, SST, tiger top tube 1 mL required volume 0.2 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Friday | 2 - 3 days Following set up | Outside Reference Laboratory Allow specimen to clot at room temperature and then centrifuge. Separate serum from cells as soon as possible. Stability, After separation from cells: Ambient: 2 days; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles) Please mark specimen plainly as "acute" or "convalescent." |
| Epstein Barr Antibody Early Antigen (Formerly: EBV Early Ag IgG) | 86663 | Serum, SST, tiger top tube 2 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday – Saturday | 1 – 2 days | Outside Reference Laboratory Alternate Specimens: None |
| EB Virus VCA G/M with EBNA and FA Formerly: EB Panel | 86665 x2 86664 86663 | Serum, SST, tiger top tube 1 mL required volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 1 – 3 days | Outside Reference Laboratory |
| Echinococcus IgG Antibody | 86682 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Thursday | 1 – 5 days | Outside Reference Laboratory Alternate specimen: Plasma, EDTA |
| Echovirus Antibody Panel, CSF Formerly: Echovirus Abs, CSF | 86658 x6 | CSF (Cerebrospinal Fluid) 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 3 – 5 days | Outside Reference Laboratory |
| Echo Virus Antibodies Formerly: Echovirus Panel | 86658 x5 | Serum, SST, tiger top tube or CSF 1 mL required volume 0.3 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 6 – 9 days | Outside Reference Laboratory |
| Egg White Allergen Formerly: Egg White IgE | 86003 | Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 -- 4 days | Outside Reference Laboratory Specimen unacceptable at room temperature. |
| Egg Yok Allergen Formerly: Egg Yok IgE | 86003 | Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory Specimen unacceptable at room temperature. |

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| Eggplant Allergen <i>Formerly: Eggplant IgE</i> | 86003 | Serum SST, tiger top tube 2 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 - 2 days | <i>Outside Reference Laboratory</i> |
| Ehrlichia Chaffeensis and DNA PCR See: Tick Panel PCR, Whole Blood | | | | | | | |
| Ehrlichiosis Antibody Formerly: Ehrlichia Chaffeensis IgG & IgM Ab | 86666 x2 | Serum, SST, tiger top tube 1 mL required volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 3 days | <i>Outside Reference Laboratory</i> |
| Ehrlichia by PCR | 87798 | Lavender (EDTA) or pink (K ₂ EDTA) tube 1 mL whole blood. 0.6 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday – Friday | 1 – 5 days | <i>Outside Reference Laboratory</i> |
| Ehrlichia Smear | 87207 | 1 – EDTA Tube (Lavender top tube) | < 8 hours Ambient > 8 hours Refrigerate | Negative | Set up: Tuesday – Friday | 24 – 48 hours | Smears require Pathologist review. |
| Electrolytes | 80051 | Plasma: Lithium Heparin – Green Top Serum: SST red top tube | Refrigerate | See Below for Reference Ranges: Chloride: 98 – 110 mmols/L CO₂: 21 – 32 mmols/L Potassium: Male: 0 – 1 Month: 4.- 5.9 mmol/L 1 Month to 150 yrs: 3.4 – 5.1 mmols/Liter Female: 0 – 1 month: 4.0 – 5.9 mmols/Liter 1 Month – 150 yrs: 3.4 – 5.1 mmols/L Sodium: 136 – 145 mmols/Liter | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Tests Included: Sodium, Potassium, Chloride, CO ₂ Critical Value: CO₂: < 16, > 44 mmoles/L Potassium: Male: 0 – 1 Month.....< 3, > 5.9 mmol/L 1 Month to 150 yrs:....< 3, > 5.8 mmol/L Female: 0 – 1 month.....< 3, > 5.9 mmol/L 1 Month – 150 yrs.....< 3, > 5.8 mmol/L Sodium: < 126, > 149 mmoles/L |

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| Electrolytes Fecal Formerly: Fecal Electrolytes | 82438 84999 84302 | Stool 24 or 72 hour collection Collect in Stool Specimen Container, Large for 24 or 72 hour collection (White) Alternate: Stool, Random collection in Stool specimen container 10 gm required volume 1 gm minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday | 4 days | Outside Reference Laboratory 10g(1g) aliquot from well-mixed, 24-hour or random stool in a clean unpreserved stool transport vial. Indicate Collection duration on specimen. Stool must be liquid. Do not add saline or water to liquefy specimen. Unacceptable Conditions: Formed or viscous stool. |
| Electrophoresis, 24 Hour Urine (Protein Electrophoresis, 24 Hour Urine.) | 84166 | 24 hour urine collections should be collected in a 24 hour urine container with no preservatives | Refrigerate | <i>Interpretive Data</i> | Set up: Monday - Friday | 1 – 3 days | Outside Reference Laboratory Performed at St. Thomas Hospital Laboratory Collection: Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory. Inpatient Collection: Container must be labeled with patient's full name, medical record number, room number; date and time collection started and date and time collection finished. Outpatient Collection: Container must be labeled with patient's full name and date of birth; date and time collection started and date and time collection finished. |
| Elm IgE | 86003 | Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory <i>Specimen unacceptable at room temperature.</i> |
| ENA Screen Formerly: Anti RNP, SM Antibodies | 86235 | Serum SST, tiger top tube 1 mL required volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 7 days | Outside Reference Laboratory |

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| Endotracheal Tube Culture (Order Respiratory Culture) | 87070 | Aspirated secretions or swab | Refrigerate | "No Growth 48 Hours" | Set up: 24 hours, daily | Final report in 48 hours. | ID and susceptibilities on significant pathogens. |
| Endomysial Antibody IgA, Titer <i>Formerly: Endomysial Antibody IgA</i> | 86256 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 6 days | Outside Reference Laboratory Separate serum from cells ASAP. Transfer 1mL(0.15mL) serum to a Standard Transport Tube. Unacceptable Conditions: Plasma. Severely lipemic, contaminated, or hemolyzed specimens. Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid freeze/thaw cycles) |
| Entamoeba histolytica Antibody | 86753 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Friday | 1-5 days | Outside Reference Laboratory |
| Enterovirus by-PCR | 87498 | CSF, (Cerebrospinal Fluid) Collect in sterile screw top container, Alternate: Plasma EDTA Lavender top tube Alternate: Serum SST, Tiger top tube 1 mL required volume 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Sunday | 2 – 3 days | Outside Reference Laboratory Collect: Plasma from Lavender (EDTA), Serum or CSF. Specimen source required. Separate serum or plasma from cells ASAP after collection. Transfer 1mL(0.5mL) Serum, Plasma, CSF to a sterile container or Nasopharyngeal swab and Freeze. Unacceptable Conditions: Heparinized specimens. Stability: Ambient: 8 hours; Refrigerated: 48 hours; Frozen: 3 months. |
| Eosinophil Count Urine | 85048 | Random Urine sterile container, | Refrigerate | Negative | Set up: 24 hours, Daily | Stat: 1 hour Routine: 4 hours | |
| Eosinophil Smear | 87205 | Note: Requisition must State site of specimen. | Ambient | Negative | Set up: 24 hours, daily. | 2 hours | |

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| Epstein Barr Nuclear Antibody Formerly: Epstein-Barr Virus Ab Nuclear Ag | 86664 | Serum, SST, tiger top tube 2 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Sunday | 1 - 2 days | Outside Reference Laboratory |
| Epstein Barr Virus DNA, Quantitative PCR (Formerly: Epstein-Barr Virus, Quantitative WB) Epstein Barr Virus DNA, Quantitative PCR - Continued- | 87799 | Plasma, EDTA Lavender top tube Alternate: CSF (Cerebrospinal Fluid) Alternate: Serum SST Gold top tube 1 mL required volume 0.3 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 3 days | Outside Reference Laboratory Un-processed Whole Blood specimens are unacceptable. EDTA plasma, specimen should be centrifuged and plasma removed from cells within 2-4hrs of collection. Specimen cannot be shared with other testing for risk of DNA contamination. Random Urine or Amniotic fluid are No longer Acceptable Specimen types. Specimen Stability: Room temperature= 48 Hours; Refrigerated= 8 Days; Frozen= 1 Month |
| Epstein Bar Virus Panel | 86665 x2 86664 86663 | Serum, SST, tiger top tube 2 mL required volume 0.5 minimum sedimentation | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Sunday | 1 – 2 days | Outside Reference Laboratory Includes: EB Viral Capsis IgG, EB Viral Capsid IgM, and EB Nuclear AG. Alternate specimen: NONE |
| Epstein Barr Virus Early Antigen Antibody (Same as EBV Early Ag IgG) | 86663 | Serum, SST, tiger top tube 2 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday – Saturday | 1 – 2 days | Outside Reference Laboratory Alternate Specimens: None |
| Erythrocyte Porphyrin | 84202 | Whole Blood, EDTA Royal Blue top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Saturday | 1 – 4 days | Outside Reference Laboratory Protect from light during collection, storage and shipment. |
| Erythropoietin Level | 82668 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 24 hours | Outside Reference Laboratory Alternate specimen: NONE. |
| ESR (Sedimentation Rate) | 85651 | Collect specimen in a Lavender (EDTA) top tube. 1 mL required volume | Refrigerate | Male and Female: 0 – 20 mm/hr | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Tube must be half full and not clotted. |

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| Estradiol, Serum | 82670 | Serum: SST red top tube 1 mL required volume | Refrigerate | Males: 0 – 39.8 pg/mL Normally Menstruating Females: Follicular Phase: 19.5 – 144.2 pg/mL Mid-Cycle Peak: 65.9 – 356.7 pg/mL Luteal Phase: 55.8 – 214.2 pg/mL Post-menopausal Females: 0 – 32.2 pg/mL | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |
| Estrogen, Total Serum | 82672 | 2 mL Serum, SST, tiger top tube 1 mL minimum volume Need tube collection color | Refrigerate | <i>Interpretation</i> | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |
| Estrogens, Total | 82671 | 2 mL Serum, SST, tiger top tube 1 mL minimum volume | Refrigerate | <i>Interpretive Data</i> | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |
| Ethosuximide Level (Zarontin) | 80168 | Serum, Plain red tube, Alternate: Plasma EDTA Lavender top tube, 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Wednesday, Saturday | 2 - 6 days | Outside Reference Laboratory Timing of specimen collection: Pre-dose (trough) draw - At steady state concentration. Separate serum or plasma from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Whole blood. Gel separator tubes, light blue (citrate), or yellow (SPS or ACD solution). |
| Ethylene Glycol Level <i>Formerly: Ethylene Glycol</i> | 82693 | Serum, Plain Red top tube, no gel Alternate: Plasma EDTA Lavender top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Wednesday, Saturday | 2 - 3 days | Outside Reference Laboratory Patient Preparation: Timing of specimen collection: Dependent on time of exposure - test upon presentation to hospital. Separate serum or plasma from cells within 2 hours of collection. Transfer serum or plasma to a Standard Transport Tube. Unacceptable Conditions: Whole blood. Gel separator tubes, light blue (citrate), or yellow (SPS or ACD solution). |
| Everolimus Level <i>Formerly: Everolimus by HPLC-MX/MX</i> | 80169 | Whole Blood, EDTA Lavender top tube 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Saturday | 2 - 3 days | Outside Reference Laboratory |

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| Extractable Nuclear Antibodies. Includes: Smith (SM) & RNP | 86235 x5 | Serum, (SST tiger top tube) 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 1 – 2 days | Outside Reference Laboratory Alternate specimen: Plasma (EDTA Lavender top). |
| Eye Culture | 87075 | Send culturette or fluid in a sterile container. | Ambient | “No Growth” | Set up: 24 Hours, daily | 72 hours. Preliminary report issued daily. | |
| Factor II (2) Assay <i>Formerly:</i> Factor II Prothrombin 20210 | 85210 | Collect whole blood specimen in a Lavender (EDTA) top tube. | Refrigerate | Not Detected. | Set up: Sunday | 24 – 48 hours | |
| Factor V (5) Assay <i>Formerly:</i> Factor V Activity | 85220 | Plasma, Citrate (light blue top tube) | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 day | Outside Reference Laboratory |
| Factor V Leiden Coagulation | 81241 | Plasma, Citrate (light blue top tube) | Frozen | <i>See Report or Scanned Document</i> | Set Up: 2 times a Week | 4 days | Outside Reference Laboratory Double centrifuge plasma to obtain platelet – poor Plasma. Alternate specimens: None |
| Factor V Mutation (Cross Ref: Factor V Leiden Mutation) | 81241 | Whole blood n in Lavender (EDTA) top tube 3 mL required volume 1 mL minimum volume | Refrigerate | Not Detected | Set up: Sunday | 2 days | |
| Factor VII (7) Assay <i>Formerly:</i> Factor VII Activity | 85230 | Plasma, Citrate (light blue top tube) 2 mL required volume 1 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Saturday | 1 – 3 days | Outside Reference Laboratory |
| Factor VII Activity <i>Formerly:</i> Factor VIII Activity | 85240 | Plasma, Citrate (light blue top tube) 2 mL required volume 1 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Saturday | 1 – 3 days | Outside Reference Laboratory |
| Factor VIII (8) Inhibitor Assay <i>Formerly:</i> Factor VIII Inhibitor Profile | 85240 if reflexed add 85335 | Plasma, Citrate (light blue top tube) 3 mL required volume 1 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Saturday | 1 – 3 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|----------|--|---------|---------------------------------------|------------------------------|------------|--|
| Factor IX (9) Assay <i>Formerly: Factor IX Activity</i> | 85250 | Plasma, Citrate (light blue top tube) 2 mL required volume 1 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Saturday | 1 – 3 days | <i>Outside Reference Laboratory</i> |
| Factor X (10) Assay <i>Formerly: Factor X Activity</i> | 85260 | Whole Blood Sodium Citrate 3.2% blue top tube. 2.7 mL required volume 1.5 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 3 days | <i>Outside Reference Laboratory</i> Please indicate anticoagulant therapy. Each 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results. Whole blood must be transported to lab immediately. If testing cannot be started within 4 hours of collection the specimen must be double spun then 1.5mL plasma aliquot from each tube into individual plastic aliquot tubes and freeze. Do not pool aliquots together! |
| Factor XI (11) Assay <i>Formerly: Factor XI Activity</i> | 85270 | Whole Blood Sodium Citrate 3.2% blue top tube 2.7 mL required volume 1.5 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 3 days | <i>Outside Reference Laboratory</i> Please indicate anticoagulant therapy. Each 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results. Whole blood must be transported to lab immediately. If testing cannot be started within 4 hours of collection the specimen must be double spun then 1.5mL plasma aliquot from each tube into individual plastic aliquot tubes and freeze. Do not pool aliquots together! |
| Factor XII (12) Assay <i>Formerly: Factor XII Activity</i> | 85280 | Whole Blood Sodium Citrate 3.2% blue top tube 2.7 mL required volume 1.5 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 3 days | <i>Outside Reference Laboratory</i> Please indicate anticoagulant therapy. Each 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results. Whole blood |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|--|-------------|--|------------------------------|------------|---|
| Factor XII (12) Assay -continued- | | | | | | | must be transported to lab immediately. If testing cannot be started within 4 hours of collection the specimen must be double spun then 1.5mL plasma aliquot from each tube into individual plastic aliquot tubes and freeze. Do not pool aliquots together |
| Febrile Antigen Agglutination Profile | | Serum, SST, tiger top tube 4 mL required volume 1.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 10 days | Outside Reference Laboratory Alternate specimen: NONE. |
| Fecal Fat Qualitative | 82705 | Random Stool 5 grams required volume | Refrigerate | Negative | Set up: Sunday – Thursday | 1 – 3 days | Outside Reference Laboratory Collect approximately 5 grams of semi-solid stool or approximately 5 mL of liquid stool and transfer to a properly labeled leak-proof container. (Minimum Volume 1 grams or 1 mL) Transport specimen frozen. |
| Fecal Occult Blood Immunoassay (Quantitative) See: Automated Fecal Occult Blood | | | | | | | |
| Fecal Osmolality See: Osmolality Stool | | | | | | | |
| Felbamate (Felbatol) | 80299 | Serum Collect specimen in a plain red top tube, no gel.. 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Friday | 4 – 5 days | Outside Reference Laboratory Do not use gel barrier tubes. Optimum time to collect sample: 1 hour before next dose. |
| Ferritin | 82728 | Serum: SST red top tube | Refrigerate | Male: 22 – 322 ng/mL Female: 10 – 291 ng/mL | Set up: 24 hours, daily | 24 hours | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|--|---|-----------------------------------|--------------------------|--|---|---|
| Fetal Cell Stain | 85460 | 1 – EDTA 7 mL Pink top tube or 5 mL Lavender top tube 1 mL minimum | Ambient | Negative | Set up: 24 hours, daily | 2 hour, minimum | A Fetal Cell Stain is ordered by the Blood Bank Dept. if the Fetal Cell Screen is positive in the Rhlg Postpartum Workup. |
| Fetal Fibronectin | 82731 | Cervicovaginal Secretions in Adeza Collection Kit. | Refrigerate | <i>Interpretive Data</i> | Set up: 24 hours, daily | 1 - hour | |
| Fetal Lung Maturity | 83661 | Collect a Swab from the posterior fornix of the vagina or the ectocervical region of the external cervical os. Do not to contaminate the swab or cervicovaginal secretions with lubricants, soaps disinfectants or creams. | Refrigerate | <i>Interpretive Data</i> | Set up: Sunday – Saturday | 24 hours | Outside Reference Laboratory Testing should not be performed if the patient has had sexual intercourse within 24 hours prior to the sampling time because semen present may increase the possibility of a false positive result. |
| Fibrin Degradation / Split Products | 85362 | 1 – FDP tube containing special inhibitor Fill tube with 2 mLs of blood only. Spin and separate from Cells within 2 hours and freeze plasma. | Frozen | <i>Interpretive Data</i> | Set up: 24 hours, daily | Stat: 1 hour Routine: 2 hrs | Blood will clot. Do not overfill or under fill tube. Spin and separate from Cells within 2 hours and freeze plasma. |
| Fibrinogen Level | 85384 | 1 – Sodium Citrate Tube (blue top tube) | 8 hours @ 20°C 1 month @ -20°C | 203 - 428 mg / dl | Set up: 24 hours, daily | Stat: 1 hour Routine: 2 hrs | Tube must be full and not clotted. Critical Value: < 100 mg/dl OB Critical Value: < 250 mg/dl |
| Fine Needle Aspiration, Palpable and Non Palpable Lesions Cytology | 88170 (FNA superficial) /88171 (FNA Deep)/ 88172 (FNA immediate read)/ 88173 (FNA interp and report) | Cytotechnologist is available for assistance during procedures. Direct smears are prepared and submitted in cytologic fixative. Residual specimens are submitted in cytologic fixative for cellblock or cytospin preparation. | Refrigerate | <i>Interpretive Data</i> | Set up: Monday - Friday 7:00 a.m. – 5:00 p.m. | Set up: Monday – Friday 24 hours – longer if special studies are required. | Procedures should be scheduled in advance with the department. Contact: 284-5576. Cytotechnologists are available for assistance with specimen collection and slide preparation. Rapid assessments / specimen adequacy assessments are available upon request. Pathologists are available to perform fine needle aspiration procedures on palpable lesions. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|--|--|-------------|---------------------------------|---|--|---|
| FK506 (Also: Tacrolimus Level) | 80197 | Collect whole blood specimen in a Lavender ((EDTA) top tube. 4 mL minimum volume | Refrigerate | See Report or Scanned Documents | Set up: 24 hours Daily 8:00 a.m. – 2:00 p.m. | 24 hours | |
| Flecainide Level (Tambocor) | 80299 | Serum, Plain red top tube. no gel 2 mL required volume 0.5 mL minimum volume | Refrigerate | See Report or Scanned Documents | Set up: Tuesday, Thursday, | 3 – 7 days | Outside Reference Laboratory Do not use gel barrier tubes. Optimum time to collect sample: 1 hour before next dose. Specimen Stability: Room temperature 5 days, Refrigerated 7 days, Frozen 30 days. |
| Flow CD4,8 Immunophenotyping | | Collect whole blood specimen in a Lavender ((EDTA) top tube. 4 mL minimum volume | Ambient | See Report or Scanned Document | Set up: Daily 8:00 a.m. – 4:00 p.m. | 24 hours | |
| Flow Cytometry BAL (Bronchioalveolar Lavage) | | Bronchial Lavage specimen | Refrigerate | See Report or Scanned Document | Set up: Daily 8:00 a.m. – 4:00 p.m. | 24 hours | |
| Flow Cytometry Leukemia/Lymphoma | | Peripheral Blood- EDTA, Bone Marrow- ACD yellow top, Tissue- RPML preservative FNA or Body fluid- RPML preservative | Refrigerate | Interpretive Data | Set up: Daily 8:00 a.m. – 4:00 p.m. | 24 hours | |
| Flunitrazepam Screen Formerly: Flunitrazepam & Metabolites | 80301 if positive add 80346 Alt. Code G0479 If positive add 80480 | Random Urine 3 mL required volume 1.4 ml minimum | Refrigerate | See Report or Scanned Documents | Set up: Varies | 3 – 9 days | Outside Reference Laboratory |
| Folate | 82746 | Serum, SST tiger top tube) | Refrigerate | 5.38 – 24.00 ng/ml | 24 hours, daily | Stat: 1 hour Routine: 4 hours | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|---|-------------|---|--|------------|---|
| Folate, RBC | 82747 | Whole Blood, EDTA (Lavender top tube) 2 mL required volume 0.2 minimum volume | Room Temp | See Report or Scanned Documents | Set up: Tuesday, Friday | 4 – 5 days | Protect from light. |
| Follicle Stimulating Hormone (FSH) | 83001 | Serum: SST red top tube | Refrigerate | Males: 1.4 – 18.1 mIU/ml Normal Menstruating Females Follicular phase: 2.5 –10.2 mIU/ml Mid-Cycle Peak: 3.4-33.4 mIU/ml Luteal Phase: 1.5 – 9.1 mIU/ml Post-Menopausal Females: 23 – 116.3 mIU/ml Pregnant: < 0.3 mIU/ml | 24 hours, daily | 24 hours | |
| Fresh/Frozen Section Pathology | 88331 | Specimens must be received fresh STAT | Ambient | Interpretive Data | Mon – Fri 8:00 a.m. – 4:00 p.m. For other times contact Pathologist on Call. Pager #: 736-4022 | 20 minutes | Specimen must be delivered to Surgical Pathology immediately/ STAT Special Instructions: A Completed Pathology Request form and Fresh Specimen Examination form must accompany specimen. |
| Fructosamine | 82985 | Serum, SST tiger top tube). Alternate: Plasma Lithium Heparin green top tube or EDTA Lavender top tube. 0.5 mL required volume 0.3 mL minimum volume | Refrigerate | See Report or Scanned Documents | Set up: Sunday – Saturday | 2 – 3 days | Outside Reference Laboratory <i>Allow specimen to clot completely at room temperature before centrifuging. Transfer 0.5mL(0.3mL) serum or plasma to a Standard Transport Tube. Unacceptable Conditions: Hemolyzed specimens (may cause falsely elevated results).</i> |
| Fructose, Semen | 82757 | Semen 2 mL required volume 0.3 minimum volume | Frozen | See Report or Scanned Documents | Set up: Monday | 1 - 8 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--------------|--|-------------|---------------------------------------|----------------------------------|---|--|
| Fluorescent Treponemal Antibody Formerly: FTA | 86780 | Serum, SST (tiger top tube) 1 ml required volume 0.5 mL minimum volume | Refrigerate | See Report or Scanned Document | Set up: Sunday – Saturday | 2-4 days | Outside Reference Laboratory Separate serum from cells within 2 hours of collection |
| Flounder Allergen Formerly: Gulf Flounder IgE | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 minimum volume | Refrigerate | See Report or Scanned Document | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Fungal Culture Fungal Culture -continued- | 87102 | Specimen: Anybody site/secretion or fluid other than blood. (See Fungus Culture Blood). | Ambient | “No Growth at 4 weeks” | Set up: 24 hours, daily | Final report in 4 weeks. Preliminary reports issued daily. | Collection: Put specimen in a sterile container or aerobic swab and send to the Laboratory. The Laboratory should be informed of the fungal species suspected. Every effort should be made to collect the specimen early in the day so that it may be processed promptly, assuring optimal yield. Storage Instructions: Transport specimen to the laboratory immediately. Normally sterile fluids or sites should not be refrigerated. Respiratory, urine, skin, and nails may be stored at 4°C to 8°C, but no longer than absolutely necessary (4 hours or less). |
| Fungal Culture Blood (Blood Fungus Culture) | 87103 | Bone Marrow > 1 mL collected in yellow top ACD Vacutainer tube obtained from laboratory. Blood – Contact Lab for Myco/F Lytic Culture vial: 1 – 5 mL blood is required. Collection: Use sterile blood culture collection procedure for obtaining Fungal Blood Cultures. Storage Instructions: Transport specimen to the laboratory immediately. | Ambient | “No Growth 4 weeks” | Set up: 24 hours, daily | Final report in 4 weeks. | Preliminary reports are updated weekly. Susceptibility studies are not performed on isolates. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|-----------------------------------|--|---------|---|---|-------------------|--|
| G6PD Glucose-6-Phosphate Dehydrogenase See: Glucose-6-PD Quantitative | | | | | | | |
| Gabapentin Level (Cross Ref: Neurontin) | 80171 | Plasma, EDTA Lavender top tube. Serum, Plain red top tube, no gel. 2 mL required volume 1.5 minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Sunday - Saturday | 2 – 5 days | Outside Reference Laboratory Collect two hours after last dose at a steady state. (Pediatric Collection: 0.7 mL) Separate serum or plasma from cells within 2 hours of collection. Stability: After separation from cells: Ambient: 1 month; Refrigerated: 1 month; Frozen: 2 months Unacceptable Conditions: Whole blood. Gel separator tubes, light blue (citrate), or yellow (SPS or ACD solution). |
| Galactose Alpha 1,3 Galactose IgE | 86003 | Serum, Plain red top tube or SST, tiger top tube 1 mL required volume 0.5 minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Varies | 3 – 5 days | Outside Reference Laboratory Unacceptable: Hemolyzed, icteric or lipemic specimens. |
| Gamma Hydroxybutyric Acid (GHB) Screen Formerly: Gamma Hydroxybutyric Acid, Serum | 80304 Reflexed 80368 | Plasma, EDTA Lavender top tube Alternate: Serum Plain red top, no gel, plastic 5 mL required volume 2.4 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up:: Tuesday, Thursday | 4 days | Outside Reference Laboratory Unacceptable: Collection with gel barriers (SST or PST). |
| Gamma Hydroxybutyric Acid (GHB) Screen Urine Formerly: Gamma Hydroxybutyric Acid Urine | 80304 | Urine, Random collection in a sterile screw top container. 5 mL required volume 2.4 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up:: Tuesday, Thursday | 4 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--------------------|--|-------------|--|--|---|--|
| Ganglioside GM-1 Antibody IgG/IgM | 83516 X2 | Serum, SST, tiger top tube 0.3 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 2 – 5 days | Outside Reference Laboratory Separate serum from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Room temperature specimens. Plasma, CSF, or other body fluids. Contaminated, heat-inactivated, hemolyzed, icteric, or severely lipemic specimens. Stability: After separation from cells: Ambient: Unacceptable; Refrigerated: 2 weeks; Frozen: 1 year |
| Garlic Allergen <i>Formerly: Garlic IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 4 days | Outside Reference Laboratory |
| Gastric Occult Blood | 82271 83986 | Gastric sample in container with lid or on gastrocult card. | Ambient | Negative | Set up: 24 hours, daily | 2 hours | Avoid Vitamin C, Ascorbic Acid for 3 days prior to testing. |
| Gastrin Level (Secretin) | 82941 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 – 3 days | Outside Reference Laboratory Patient fast for 12 hours prior to collection is recommended. Unacceptable Conditions: Plasma, Tissue or Urine. Grossly hemolyzed or lipemic specimens. Stability After separation from cells: Ambient: 8 hours; Refrigerated: 1 week; Frozen: 1 month. |
| Gelatin Bovine Allergen <i>Formerly: Gelatin IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 4 days | Outside Reference Laboratory |
| Genital Culture (Bacterial Culture Genital) | 87070 | Specimen: Swab of urethral , vaginal or cervical discharge. Volume: 2 mL fluid or swab. Container: Sterile Culturette. Collection: Male: Using small wire swab gently scrape the anterior | Ambient | Negative for <i>Neisseria gonorrhoeae</i> (<i>Female: Negative for Group B Streptococcus</i>) | Set up: 24 hours, daily | Final report in 72 hours. Preliminary reports issued daily. | Cultures from which pathogens are isolated will take a minimum of 48 hours for completion. Genital cultures include Cervix, urethral, vaginal, genital lesions and male prostate. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|-------------------------|--|-------------|--|---|--|--|
| Genital Culture (Bacterial Culture Genital) -continued- | | urethral mucosa or use a Culturette swab to collect specimen of urethral discharge. Female: Use culturette swab for vaginal or cervical discharge. Storage Instructions: Transport specimen to the laboratory immediately. | | | | | |
| Gentamycin, Peak | 80170 | Serum SST, tiger top tube (It is imperative that the time of draw be written on the tube.) | Refrigerate | 5.0 – 10.0 µg/mL | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Peak sample should be drawn 30 minutes after the end of an I.V. infusion. Critical Values > 10.0 µg/mL |
| Gentamycin, Random | 80170 | Serum SST, tiger top tube | Refrigerate | 0 – 10.0 µg/mL | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Critical Values > 10.0 µg/dl |
| Gentamycin, Trough | 80170 | Serum SST, tiger top tube (It is imperative that the time of draw be written on the tube.) | Refrigerate | 0 – 2.0 µg/mL | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Trough sample is drawn 30 minutes before the next dose. Critical Values > 2.0 µg/mL |
| GGT (Gamma glutamyltransaminase) | 82977 | Plasma: Lithium Heparin – green top tube Serum: SST red top tube | Refrigerate | Male: 0 - 57 u/L Female: 0 - 46 u/L | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |
| Giardia Antigen | 87329 | 1 mL diarrheal stool – fresh or 10% formalin: No PVA | Refrigerate | Negative | Set up: Monday, Wednesday, Friday 11:00 pm to 7:00 am | 24 – 72 hours | Detects antigens in stool samples |
| Giardia Cryptosporidium Antigen | 87015 87272 87329 | Collect stool specimen. 5 g required volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 3 – 7 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|--------------|---|-------------|---------------------------------------|-----------------------------|------------|--|
| Ginger Allergen <i>Formerly: Ginger IgE</i> | 86003 | Serum, SST, tiger top tube 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Thursday | 7 days | <i>Outside Reference Laboratory</i> |
| Gliadin IgG and IgA Antibodies See: Antigliadin Antibody IgG/IgA | | | | | | | |
| Gliadin Peptide Antibody, IgA) See: Antigliadin Antibody IgA | | | | | | | |
| Gliadin Peptide Antibody, IgG See: Antigliadin Antibody IgG | | | | | | | |
| Glomerular Basement Membrane IgG) See: Antiglomerular Basement Membrane Antibody | | | | | | | |
| Glucagon Level | 82943 | Plasma, Protease Inhibitor tube (PPACK) 1 mL required volume 0.5 mL minimum volume | Frozen | See Report or Scanned Document | Set up: Tuesday | 4- 12 days | <i>Outside Reference Laboratory</i> Collect in: Protease Inhibitor tube (PPACK) with a winged collection set must be used. NOT RECOMMENDED: Filling collection tubes directly through a needle/tube-holder assembly increases the risk of chemical reflux back into the vein of the patient. Mix Collection tube thoroughly - Spin, separate plasma into a plastic pour off tube & freeze within 1 hour of collection. Separate specimens must be submitted when multiple tests are ordered. Unacceptable: Specimens from other collection tubes or gross hemolysis |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|--------------|---|--|--------------------------|--|--|---|
| Glucose | 82947 | Plasma: Lithium Heparin – Green Top Plasma: Sodium Fluoride – Gray Top Serum: SST red top tube | Refrigerate Ambient – Gray top tube only | 74 – 106 mg/dl | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Critical Values < 51 mg/dl > 500 mg/dl Newborns: 50 mg/dl 300 mg/dl |
| Glucose 1 Hour Postprandial | 82950 | Plasma collected in a fluoride/oxalate (gray-top) tube 1 mL required volume 0.5 mL minimum volume | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 2 hours | Critical Values < 51 mg/dl > 500 mg/dl |
| Glucose 2 Hour Postprandial | 82950 | Plasma collected in a fluoride/oxalate (gray-top) tube 1 mL required volume 0.5 mL minimum volume | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 3 hours | Critical Values < 51 mg/dl > 500 mg/dl |
| Glucose 3 Hour Postprandial | 82950 | Plasma collected in a fluoride/oxalate (gray-top) tube 1 mL required volume 0.5 mL minimum volume | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 4 hours | Critical Values < 51 mg/dl > 500 mg/dl |
| Glucose Challenge 2 Hour Request | 82950 | Plasma: Sodium Fluoride – gray top tube | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 3 hours | |
| Glucose Tolerance 3 Hour Request | 82951 | Plasma: Sodium Fluoride – gray top tube | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 4 hours | 3 hours after Glucose Solution Fasting: 1 hour, 2 hour, 3 hour Critical Values < 51 mg/dl > 500 mg/dl |
| Glucose Tolerance 4 Hour Request | 82951 | Plasma: Sodium Fluoride – gray top tube | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 4 hours | 4 hours after Glucose Solution Fasting: 1 hour, 2 hour, 3 hour, 4 hour Critical Values < 51 mg/dl > 500 mg/dl |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|---|--|---------------------------------------|-------------------------------------|--|---|
| Glucose Tolerance 5 Hour Request | 82951 | Plasma: Sodium Fluoride – gray top tube | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 4 hours | 5 hours after Glucose Solution Fasting: 1 hour, 2 hour, 3 hour, 4 hour, 5 hour Critical Values < 51 mg/dl > 500 mg/dl |
| Glucose. 24 hour Urine | 82945 | 24-hour urine. Specimen must be refrigerated during collection. 4 mL required volume 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 24 hours | Outside Reference Laboratory |
| Glucose, Body Fluid | 82945 | Body fluids: 5 mL | Refrigerate | <i>Interpretive Data</i> | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Indicate source of body fluid. |
| Glucose, CSF Chemistry | 82945 | Cerebral Spinal Fluid | Refrigerate | <i>Interpretive Data</i> | Set up: 24 hours, daily | 1 hour | |
| Glucose, Fasting | 82947 | Plasma: Lithium Heparin - Green Top Plasma: Sodium Fluoride - Gray Top Serum: SST red top tube | Refrigerate Ambient – Gray Top tube only | 70 – 100 mg/dl | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Patient must be fasting 12 hours prior to testing. Critical Values < 51 mg/dl > 499 mg/dl |
| Glucose-6-PD Quantitative <i>Formerly: G6PD Glucose-6-Phosphate Dehydrogenase</i> | 82955 | Whole Blood, EDTA, Lavender top tube 3 mL required volume 2 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 – 3 days | Outside Reference Laboratory <i>Keep refrigerated. Do not Freeze.</i> |
| Glutamic Acid Decarboxylase Antibody | 83516 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday – Friday | 2 – 4 days | Outside Reference Laboratory Unacceptable specimens: plasma, gross hemolysis |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|--|-------------|---------------------------------------|-------------------------------|-------------------------|--|
| Gluten Allergen <i>Formerly: Gluten IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 – 4 days | <i>Outside Reference Laboratory</i> |
| Goat Milk IgE | 86003 | Serum, SST, tiger top tube 0.3 mL required volume 0.15 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 1 – 2 days | <i>Outside Reference Laboratory</i> |
| Goat Milk IgG Food Specific | 86001 | Serum, SST, tiger top tube 0.5 mL required volume 0.15 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 3 days | <i>Outside Reference Laboratory</i> |
| Gram Stain | 87205 | Specimen in a sterile container or Culturette (double swab) | Ambient | <i>Interpretive Data</i> | Set up: 24 hours, daily | 1 hour after arrival | Determine the presence or absence of bacteria, yeast, neutrophils, and epithelial cells; establish the presence of potentially pathogenic organisms. Limitations: Gram's stain is a differential stain used to demonstrate the staining properties of bacteria of all types. Gram-positive bacteria retain the crystal violet dye after deco-lorization and appear deep blue. Gram-negative bacteria are not capable of retaining the crystal violet dye after decolorization and are counterstained red by the safranin dye. Gram's staining characteristics may be atypical in very young, old, dead, or de-generating cultures. Organism isolation and identification will usually be performed only if routine culture is requested. A gram stain is not suitable for mycobacterium tuberculosis (TB). For detection of tubercle bacilli an acid-fast stain must also be requested. Certain organisms do not stain or do not stain well with Gram's stain. (eg, <i>Legionella pneumophila</i>). As many as 30% of cases of bacterial meningitis have a negative Gram's stain. Gram's stain is not reliable for diagnosis of cervical, rectal, pharyngeal or asymptomatic urethral gonococcal infection. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|--|-------------|---------------------------------------|---|---|---|
| Gram Stain -continued- | | | | | | | Additional information: Gram's stains are scanned for the presence or absence of white blood cells (indicative of infection) and squamous epithelial cells (indicative of mucosal contamination). A sputum specimen showing >25 squamous epithelial cells/pf, regardless of the number of white blood cells, is indicative of a specimen that is grossly contaminated with saliva and the culture results cannot be properly interpreted. Additional sputum specimens should be submitted to the laboratory if evidence of contamination by saliva is revealed. |
| Grape Allergen <i>Formerly: Grape IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Grapefruit Allergen <i>Formerly: Grapefruit IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Green Bean Allergen <i>Formerly: Green Bean IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Group B Strep Culture | 87081 | Cervical Swab | Ambient | No Group B Streptococci isolated | Set up: 24 hours, daily | 48 - 72 hours Preliminary reports issued daily. | Screening for Group B Strep only. |
| Growth Hormone | 83003 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday Evenings | 1 – 3 days | Outside Reference Laboratory Separate Serum from Cells FREEZE ASAP! Stability: Room Temperature=N/A, Refrigerated=8hrs, Frozen=2mo. Patient Must Be Fasting (8 to 10 hours) and on complete bed rest (supine) for at least 30min. prior to specimen collection. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|---------------------|---|--------------------|--|---|--------------------------|--|
| <p>Gross Examination Only, Surgical Specimen</p> | <p>88300</p> | <p>Specimens that by their nature or condition do not permit productive examination (ie, cataracts, orthopedic appliances and hardware, non-biological material such as silicone and metal, prostheses used in plastic surgery and other prosthetic devices, foreign bodies, portion of rib or other normal bone removed only to enhance operative exposure) may be exempted from the requirement for submission for pathologic examination. These specimens, if submitted to the laboratory, are evaluated by gross examination only. All other specimens will be evaluated microscopically by the pathologist. Tissues receiving gross examination only include, but are not restricted to: -- hernia sacs in infants and children,-- carotid endarterectomy specimens, -- small, incidental bone fragments from minor orthopedic procedures. Bullets or other foreign objects removed from persons involved in violent or criminal acts are to be handled in the same manner, labeled, and transported to the Pathology Department.</p> | <p>Frozen</p> | <p>Results interpreted by a Pathologist</p> | <p>Set up: Monday-Friday</p> | <p>24 hours</p> | |
| <p>Gulf Flounder IgE See: Flounder Allergen</p> | | | | | | | |
| <p>Haemophilus Influenza Type B Antibody</p> | <p>86684</p> | <p>Serum, SST, tiger top tube 1 mL required volume 0.2 minimum volume</p> | <p>Refrigerate</p> | <p><i>See Report or Scanned Document</i></p> | <p>Set up: Sunday – Saturday</p> | <p>1 – 2 days</p> | <p>Outside Reference Laboratory</p> |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|-----------------|--|--|---------------------------------------|----------------------------------|------------|---|
| H. pylori Urea Breath Test (<i>Helicobacter pylori</i> Breath Test) | 83013 | Breath specimen. | Ambient Do not refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 4 days | Outside Reference Laboratory Breath Tek Kits available through RML./ Contact Client Services.. 615-284-5024 |
| H. pylori Ag Fecal See: <i>Helicobacter pylori</i> Antigen Detection Stool | | | | | | | |
| Hackberry Tree Allergen Formerly: Hackberry IgE | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Halibut Allergen Formerly: <i>Halibut IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Hantavirus Antibody IgG and IgM Formerly: <i>Hantavirus Hantaan IgG IgM</i> | 86790 x2 | Serum, SST, tiger top tube 1 mL required volume 0.25 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Saturday | 1 - 3 days | Outside Reference Laboratory |
| Haptoglobin Formerly: <i>Haptoglobin, Quantitative</i> | 83010 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 – 3 days | Outside Reference Laboratory |
| Hazelnut Allergen Formerly: <i>Hazelnut IgE</i> | 86003 | Serum SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory <i>Specimen unacceptable at room temperature.</i> |
| HCV RNA NAA Qualitative See: Hepatitis C RNA PCR Qualitative | | | | | | | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|--|-------------|---|--|--|--|
| Helicobacter pylori Antigen Detection Stool <i>Formerly: H. pylori Ag Fecal</i> | 87338 | 5 g stool required volume. | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 days | Outside Reference Laboratory To avoid false negative results, no antibiotics, proton pump inhibitors, or a bismuth preparation should be administered to patient for 14 days prior to specimen collection. Unacceptable: Gastric specimens, swabs or tissue. Specimens in media or preservatives. Transfer 5g(1g) stool to an unpreserved stool transport vial and Keep Refrigerated or Frozen. |
| HCV Quantitative PCR <i>Formerly: Hepatitis C RNA by PCR</i> | 87522 | Plasma. EDTA Lavender top tube Alternate: Serum SST, tiger top tube 5 mL required volume 2.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 5 - 7 days | Outside Reference Laboratory Centrifuge specimen and separate plasma or serum from cells within 2 hours of collection. Then transfer 2.5mL plasma/serum into two sterile, plastic, aliquot tubes. Aliquots may be stored at Refrigerated (2-8°C) up to 72 hours or stored frozen up to 60 days. If shipping, specimens MUST BE FROZEN and shipped on dry ice. Stability: Room Temperature N/A, Refrigerated 72hrs, Frozen 60 Days |
| Hepatitis C RNA PCR Qualitative <i>Formerly: HCV RNA NAA Qualitative</i> | 87521 | Plasma, EDTA Lavender top tube Alternate: Serum SST tiger top tube 5 mL required volume 2.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday Reports Tuesday | 5 – 7 days | Outside Reference Laboratory Centrifuge specimen and separate plasma or serum from cells within 2 hours of collection. Then transfer 2.5mL plasma/serum into two sterile, plastic, aliquot tubes. Aliquots may be stored at Refrigerated (2-8°C) up to 72 hours or stored frozen up to 60 days. If shipping, specimens MUST BE FROZEN and shipped on dry ice. Stability: Room Temperature N/A, Refrigerated 72hrs, Frozen 60 Days. |
| HDL Cholesterol | 83718 | Plasma: Lithium Heparin – green top tube Serum: SST red top tube | Refrigerate | Male: 27 – 67 mg/dl Female: 34 –91 mg/dl | Set up: 24 hours, Daily | Stat: 1 hour Routine: 4 hours | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|-------------------------|--|------------------------|---------------------------------------|------------------------------|------------|--|
| Heavy Metal 3, Panel Blood (Lead, mercury, blood) <i>Formerly: Heavy Metal Panel Blood</i> | 82175 83655 83825 | Whole blood, EDTA Royal blue top tube. 7 mL required volume 1.5 mL minimum volume | Ambient or Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 – 3 days | Outside Reference Laboratory Do not spin. DO NOT ALIQUOT SPECIMEN. Patient should refrain from eating seafood and taking herbal supplements at least 3 days prior to sample collection. Collect whole blood in a Royal Blue - EDTA tube. Specimens can be sent at Refrigerated or Ambient temperature |
| Heavy Metal 3 Panel, Urine with Reflex (Arsenic, lead, mercury) <i>Formerly: Heavy Metal 24 Hour Urine</i> | 82175 83655 83825 | 24 hour urine collected in 24 Hour Urine Acid Washed Container,. Alternate: Urine, Random collection. Collect in acid washed, trace element free container | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Saturday | 2 - 5 days | Outside Reference Laboratory Collection: Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory. Inpatient Collection: Container must be labeled with patient’s full name, medical record number, room number; date and time collection started and date and time collection finished. Outpatient Collection: Container must be labeled with patient’s full name and date of birth; date and time collection started and date and time collection finished. Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, 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. Abstinence from iodine- |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--------------|---|---|---|-----------------------------------|---|---|
| Heavy Metal Panel, 24 hour Urine (Arsenic, lead, mercury) | | | | | | | <p>containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.</p> <p>Collect: 24-hour or random urine collection. Specimen must be collected in a plastic container and should be refrigerated during collection. Studies indicate that refrigeration of urine alone, during and after collection, preserves specimens adequately if tested within 14 days of collection. Transfer an 8mL(2mL) aliquot of urine from a well-mixed collection to Trace Element-Free Transport Tubes. Unacceptable Conditions: Urine collected within 48 hours after administration of a gadolinium (Gd) containing contrast media (may occur with MRI studies). Acid preserved urine.</p> |
| Helicobacter pylori Antibody IgG | 86677 | Serum, SST, tiger top tube. 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Wednesday – Friday | 5 days | Outside Reference Laboratory |
| Hematocrit (Packed Cell Volume) | 85014 | 1 – EDTA tube (Lavender top tube) or 3 – Capillary tubes | <p>< 8 hours Ambient</p> <p>> 8 hours Refrigerate</p> | <p>Male</p> <p>0 - 1 month.....51.0 - 65.0 % 1 month - 1 yr...37.0 - 52.0 % 1 yr - 14 yr.....35.0 - 45.0 % 14 yr - 19 yr.....36.0 - 47.0 % 19 – 150 yrs.....40.0 - 52.0 %</p> <p>Female</p> <p>0 - 1 month.....51.0 - 65.0 % 1month - 1 yr....37.0 - 52.0 % 1 yr - 14 yr.....35.0 - 45.0 % 14 yr - 19 yr.....36.0 - 47.0 % 19 – 150 yrs.....36.0 - 48.0 %</p> | Set up: 24 hours, daily | <p>Stat: 1 hour</p> <p>Routine: 2 hours</p> | <p>Tube must be half full and not clotted. Capillary tubes must be ¾ full.</p> <p>Critical Values:</p> <p>Male:</p> <p>0 - 1 month.....< 30, > 80 % 1month - 1 yr.....< 20, > 60 % 1 yr - 14 yr.....< 20, > 59.9% 14 yr - 19 yr.....< 20, > 59.9% 19 – 150 yrs.....< 20, > 59.9 %</p> <p>Female:</p> <p>0 - 1 month.....< 30, > 80 % 1month - 1 yr.....< 20, > 59.9 % 1 yr - 14 yr..... < 20, > 59.9% 14 yr - 19 yr.....< 20, > 59.9% 19 – 150 yrs.....< 20, > 59.9%</p> |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|-------------------------------------|---|--|--|--|--|--|
| Hemochromatosis (HFF) 3 Mutations <i>Formerly: Hereditary Hemochromatosis DNA Probe</i> | 81256 | Whole Blood, EDTA Lavender top tube 3 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 3 - 8 days | Outside Reference Laboratory |
| Hemoglobin | 85018 | 1 – EDTA Tube (Lavender top tube) Tube must be half full and not clotted. | < 8 hours Ambient > 8 hours Refrigerate | Male 0 - 1 month ...15.0 - 22.0 g/dl 1 month - 1 yr..10.0 - 12.0 g/dl 1 yr - 13 yrs .. 11.0 - 13.0 g/dl 13yr –150 yrs..14.0 - 18.0 g/dl Female 0 - 1 month.....15.0 - 22.0 g/dl 1 month- 1 yr..10.0 - 12.0 g/dl 1 yr - 13 yrs... .11.0 - 13.0 g/dl 13 y- 159 yrs ..12.0 - 16.0 g/dl | Set up: 24 hours daily | Stat: 1 hour Routine: 2 hours | Critical Value: Male 0 - 1 month< 10, > 22 g/dl 1 month - 1 yr... < 7.5,> 20 g/dl 1 yr - 13 yrs <7.5, > 20 g/dl 13 – 150 yrs.....< 7.5,>20 g/dl Female 0 - 1 month< 10, > 22 g/dl 1 month - 1 yr... < 7.5,> 20 g/dl 1 yr - 13 yrs <7.5, > 20 g/dl 13 – 150 yrs.....< 7.5,>20 g/dl |
| Hemoglobin, A1C | 83036 | Whole blood: EDTA Lavender top tube | Refrigerate | 4.5 – 6.0% G-Hb | Set up: daily 7:00 .am. – 11:00 p.m., | 24 hours | |
| Hemoglobin, A2, Quantitative | 83021 | Collect whole blood specimen in Lavender (EDTA) top tube 5 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday - Saturday | 1 – 4 days | Outside Reference Laboratory |
| Hemoglobinopathy Evaluation by HPLC <i>Formerly: Hemoglobin Variant Screen</i> | 85041, 85018, 85014, 83021 | Whole blood, EDTA Lavender top tube Alternate: Whole Blood Sodium Heparin green top tube, no gel 5 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday-Saturday | 3 – 5 days | Outside Reference Laboratory 5 mL Whole blood from EDTA (lavender-top) or (preferred) Sodium heparin (green-top). Patient age and ethnicity are necessary for proper interpretation. Blood transfusions within the last 4 months may affect results. Stability: Room temperature: 72 Hours, Refrigerated: 6 Days, Frozen: Unacceptable |
| Hemoglobin, Plasma See: Plasma Hemoglobin | | | | | | | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--------------|---|-------------|--|--|--|---|
| Hemoglobin, Urine | 83069 | Random urine collection. 4 mL required volume 0.7 minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday - Saturday | 1 – 2 days | Outside Reference Laboratory |
| Hemosiderin Qualitative | 83070 | 20 cc of urine | Refrigerate | Negative | Set up: Monday - Friday 7:00 a.m. – 2:30 p.m. | 8 hours | Iron stain performed by Histology, TAT may be delayed if Pathologist review warranted. |
| Hepatic Function Panel | 80076 | Plasma: Lithium Heparin – green top tube Serum: SST red top tube | Refrigerate | See Below for Reference Ranges: Albumin: 3.5 – 5.0 gram/dl Alkaline Phosphatase: Male: 0 – 16 yrs: 124 – 413 u/L 16 – 150 yrs:: 41 - 121u/L Female: 0 – 16 yrs: 124 – 413 u/L 16 – 150 yrs:: 41 - 121u/L ALT (SGPT): Male: 10 – 40 u/L Female: 7 – 35 u/L AST (SGOT): Male: 15 - 40 u/L Female: 13 - 35 u/L Direct Bilirubin: 0.0 – 0.3 mg/dl Total Bilirubin: 0.2 – 1.2 mg/dl Total Protein: 6.4 – 8.3 gm/dl Globulin: 2.4 – 3.8 gm/dl | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | Panel Includes: Total Bilirubin, Direct Bilirubin, Alkaline Phosphatase, SGOT, SGPT, Albumin, Total Protein |
| Heparin Dependent Platelet Antibody (HIT) | 86022 | Collect Plasma specimen in a Sodium Citrate (light blue top tube) 4 mL minimum volume | Frozen | POSITIVE/POSITIVE OD=>0.4 & >50% confirmed; SRA reflex POSITIVE/NEGATIVE OD=>0.4 & <50% confirmed; SRA reflex EQUIVOCAL/POSITIVE OD=>0.28 & >50% | Set up: Monday – Friday 8:00 a.m. – 1:00 p.m. | 24 hours | If positive specimen is sent for confirmatory serotonin release assay. No SST tubes. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|----------|--|-------------|---|---|----------------------|--|
| Heparin Dependent Platelet Antibody (HIT) -continued- | | | | confirmed; SRA reflex EQUIVOCAL/NEGATIVE OD= <0.28 & <0.4 & <50% confirmed; SRA reflex NEGATIVE/NEGATIVE <0.28 & <50% confirmed | | | |
| Hepatitis A Antibody IgM | 86709 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | |
| Hepatitis A Antibody Total | 86708 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | Per reflex test policy hepatitis A IgM Antibody is performed on all positives. |
| Hepatitis B Core Antibody IgM | 86705 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | |
| Hepatitis B Core Antibody Total | 86704 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | Per reflex test policy, Hepatitis B Core IgM Antibody is performed on all positives. |
| Hepatitis B DNA by PCR, Qualitative | 87516 | Plasma EDTA lavender top tube 3 mL required volume 2.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sun day - Saturday | 2 – 4 days | Outside Reference Laboratory |
| Hepatitis B Surface Antibody IgG | 86706 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Friday | 1 – 2 days | Outside Reference Laboratory |
| Hepatitis B Surface Antigen | 87340 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | Positive screen will be confirmed by neutralization. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|---|-------------|---------------------------------------|------------------------------|-------------|---|
| Hepatitis B Virus DNA Quantitative PCR | 87517 | Collect serum specimen, in Lavender (EDTA), pink (K ₂ EDTA) or SST tiger top serum separator tube collect 2 mL required volume 1 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday - Saturday | 2 – 4 days | <i>Outside Reference Laboratory</i> |
| Hepatitis B by PCR Quantitative <i>Formerly: Hepatitis B Virus DNA, Quantitative</i> | 87517 | Serum, EDTA Lavender top tube Alternate: Serum SST tiger top serum 3 mL required volume 2.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Wednesday | 7 – 10 days | <i>Outside Reference Laboratory</i> Collect Two EDTA tubes, centrifuge specimens and separate plasma from cells, then transfer 3mL(2.5mL) of EDTA Plasma into plastic aliquot tube and Freeze plasma within 2 hours of collection! |
| Hepatitis B Antibody Qualitative | 86317 | Collect specimen in Serum separator tube. Also acceptable Lavender (EDTA), pink (K ₂ EDTA). 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 24 hours | <i>Outside Reference Laboratory</i> |
| Hepatitis Be Antibody | 86707 | Serum, SST, tiger top tube. Alternate: Plasma EDTA Lavender top tube. 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 – 3 days | <i>Outside Reference Laboratory</i> Separate serum or plasma from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Specimens containing particulate material or collected in citrate-based anticoagulant. Heat-inactivated, grossly hemolyzed or lipemic specimens. |
| Hepatitis Be Antigen | 87350 | Serum, SST, tiger top tube. Alternate: Plasma EDTA Lavender top tube. 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 – 3 days | <i>Outside Reference Laboratory</i> Separate serum or plasma from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Heat-inactivated, grossly hemolyzed, or lipemic specimens. Specimens containing particulate material, or collected in citrate-based anticoagulant. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--------------|---|-------------|---|---|--------------------------|--|
| Hepatitis C Antibody | 86803 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | Per reflex policy, Hepatitis C by RIBA is preformed on all positives. |
| Hepatitis C RNA PCR Qualitative <i>Formerly: HCV RNA NAA Qualitative</i> | 87521 | Serum, SST, tiger top tube 5 mL required volume 2.5 mL minimum volume | Frozen | See Report or Scanned Document | Set up: Monday | 5 – 7 days | Outside Reference Laboratory Centrifuge specimen and separate plasma or serum from cells within 2 hours of collection. Then transfer 2.5mL plasma/serum into two sterile, plastic, aliquot tubes. Aliquots may be stored at Refrigerated (2-8°C) up to 72 hours or stored frozen up to 60 days. If shipping, specimens MUST BE FROZEN and shipped on dry ice. |
| Hepatitis C RNA Quantitative | 87522 | Collect specimen in Lavender (EDTA), pink (K ₂ EDTA), plasma preparation tube (PPT) white top tube or serum separator tube. 2 mL required volume 1 mL minimum volume | | See Report or Scanned Document | Set up: Sunday – Saturday | 1 – 3 days | Outside Reference Laboratory |
| HCV Quantitative PCR <i>Formerly: Hepatitis C RNA by PCR</i> | 87522 | Plasma. EDTA Lavender top tube Alternate: Serum SST, tiger top tube 5 mL required volume 2.5 mL minimum volume | Frozen | See Report or Scanned Document | Set up: Monday, Wednesday, Friday | 5 - 7 days | Outside Reference Laboratory Centrifuge specimen and separate plasma or serum from cells within 2 hours of collection. Then transfer 2.5mL plasma/serum into two sterile, plastic, aliquot tubes. Aliquots may be stored at Refrigerated (2-8°C) up to 72 hours or stored frozen up to 60 days. If shipping, specimens MUST BE FROZEN and shipped on dry ice. Stability: Room Temperature N/A, Refrigerated 72hrs, Frozen 60 Days |
| Hepatitis Delta Virus Antigen | 87380 | Collect serum in plain red top tube, 1 mL required volume 0.5 mL minimum volume | Frozen | See Report or Scanned Document | Set up: Varies | 3 – 9 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|----------|--|-------------|---------------------------------------|---|------------------|--|
| Hepatitis D Antibody IgM <i>Formerly: Hepatitis's Delta, Virus Antibody</i> | 86692 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday | 3 – 8 days | <i>Outside Reference Laboratory</i> |
| Hepatitis Panel, Acute | 80074 | Serum: SST red top tube | Refrigerate | Negative | Set up: Sunday – Friday 7: a.m. – 11:00 p.m. | 24 – 48 hours | Panel Includes: Hepatitis A IgM Antibody, Hepatitis B Surface Antigen, Hepatitis B Core IgM Antibody, Hepatitis C Antibody per reflex policy, Hepatitis C by RIBA is repeated on all positives. Positive Hepatitis B Surface Antigen is confirmed by neutralization. |
| Her 2-Neu by Fish | 88377 | Tumor tissue. | Ambient | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 5 – 7 days | <i>Outside Reference Laboratory</i> Request through Pathology – 284-5229 |
| Hemochromatosis (HFE) 3 Mutations <i>Formerly: Hereditary Hemochromatosis DNA Probe</i> | 81256 | Whole blood specimen in EDTA lavender top tube 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday - Saturday | 3 – 8 days | <i>Outside Reference Laboratory</i> |
| Herpes Simplex Culture (Herpes Simplex 1 and 2 Culture; Herpes Simplex Virus Culture; HSV 1 and 2 Culture; HSV Culture) | 87252 | Specimen: Specimen depends on type of infection: ➤ Genital: vesicle fluid, lesion, endocervical ➤ Conjunctivitis: conjunctival ➤ Congenital: Throat, vesicle, CSF ➤ Meningitis: CSF, genital ➤ Respiratory/oral: throat, vesicle Container: Specimen must be in viral transport media or viral swabs supplied by the laboratory. | Ambient | No viral growth at 1 week. | Set up: 24 hours, daily | 8 days | All positive cultures are typed to distinguish Type I and II. Collection: All specimens should be kept cold and moist. As for most viral cultures, specimens should be collected in the acute stage of the disease, preferably within 3 days and no longer than 7 days after the onset of illness. Spinal fluid specimens should be submitted in the usual sterile tube, no special transport medium is necessary. All other specimens should be collected on a sterile swab as described below and the swab should be placed into cold viral transport medium immediately after collection. Endocervical: Swab cervix with enough force to obtain epithelial cells. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|---------------------|--|----------------|--|--------------------------|-------------------|--|
| <p>Herpes Culture (Herpes Simplex 1 and 2 Culture; Herpes Simplex Virus Culture; HSV 1 and 2 Culture; HSV Culture) -continued-</p> | | | | | | | <p>Vesicular Lesion: Wash vesicles with sterile saline. Carefully open several vesicles and soak up vesicular fluid with swab.</p> <p>If vesicles are absent, vigorously swab base of lesion (specimen should be collected during first 3 days of eruption since specimens collected later in the course of disease rarely yield virus).</p> <p>Conjunctival: Using a moistened swab, firmly rub conjunctiva using sufficient force to obtain epithelial cells.</p> <p>Throat, respiratory, oral: Rotate swab in both tonsillar crypts and against posterior oropharynx.</p> <p>Storage Instructions: Transport specimen to the laboratory within 30 minutes of collection. Keep specimen cold and moist. Outpatient specimens: If transport is to be delayed more than 30 minutes after collection, specimen must be Refrigerate (held at 4°C to 8°C) until it can be transported to the laboratory.</p> |
| <p>Herpes Simplex Virus</p> | <p>87254 X2</p> | <p>Swab, Viral Transport Media</p> | <p>On ice.</p> | <p><i>See Report or Scanned Document</i></p> | <p>Set up: Daily</p> | <p>2 - 3 days</p> | <p>Outside Reference Laboratory Swabs of lesions should be collected with a sterile nylon flocked, rayon or polyester fiber-tipped swab and placed immediately in UTM (universal transport medium), M4, or Viral Culture Media. Do not use calcium alginate or cotton swabs because they have been shown to inhibit virus replication. Do not use gel swabs for collection of viral specimens. Non-sterile body fluids- Transfer 3 mL specimen to a sterile container (Min: 0.5 mL); these should be put in UTM as soon as possible. CSF and/or synovial fluid- Transfer fluid to sterile screw top container, do not dilute in UTM. All specimens for virus culture should be transported to the</p> |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--|--|-------------|---------------------------------------|----------------------------------|------------|---|
| Herpes Simplex Virus -continued- | | | | | | | laboratory at 2° to 8°C (kept on ice). Specimens should be stored at 2° to 8°C for no longer than 72 hours before being tested . |
| Herpes Simplex Virus 1/2 IgG/IgM Formerly: Herpes Simplex 1 & 2 IgG/IgM | 86694 86695 86696 | Serum, SST, tiger top tube 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday | 3 days | Outside Reference Laboratory |
| Herpes Simplex Virus by PCR Formerly: Herpes Simplex Virus DNA by PCR | 87529 X2 | CSF (Cerebrospinal Fluid) Collect sterile screw top container, Alternate: Plasma EDTA Lavender top tube Alternate: Serum SST, Tiger top tube Alternate: Swab: see instructions Collect in viral transport Media 2 mL required volume 0.3 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 – 3 days | Outside Reference Laboratory Indicate Specimen Source on the Specimen Container. Separate Serum/Plasma from Cells w/in 2hrs of Draw into plastic aliquot container, Keep Refrigerated. Swab specimens must be placed in M4 Viral Transport Media - Keep Refrigerated. Other acceptable sample types are: Cerebrospinal fluid, Amniotic fluid, Random clean catch urine with no preservative, Pleural fluid, Pericardial fluid, Vitreous fluid in a Sterile leak-proof container. Please keep all specimens refrigerated! Specimen Stability: Room temperature = 48 hours; Refrigerated = 7 Days; Frozen = 1 Month. |
| Herpes Simplex Virus 1/2 IgM Formerly: Herpes Simplex Virus IgM Antibody | 87529 X2 | Serum, SST, tiger top tube 0.5 mL required volume 0.1 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 24 hours | Outside Reference Laboratory |
| Herpes IgG Type 1 Formerly: HSV 1 Glycoprotein G Antibody, IgG | 86695 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 1 – 2 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|--|-------------|---------------------------------------|------------------------------|------------|--|
| Herpes IgG Type 2 <i>Formerly: HSV 2 Glycoprotein G Antibody, IgG</i> | 86696 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 - 3 days | <i>Outside Reference Laboratory</i> |
| Heterologous Protein | 83516 | Plain Red top tube | | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 1 – 2 days | <i>Outside Reference Laboratory</i> |
| Hickory/Pecan Tree IgE | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | <i>Outside Reference Laboratory</i> |
| Histamine | 83088 | Collect whole blood specimen in green (sodium or lithium heparin) tube. 1 mL required volume 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday, Thursday | 1 – 5 days | <i>Outside Reference Laboratory</i> |
| Histamine, 24 hour Urine | 83088 | 24 hour urine collections should be collected in a 24 hour urine container with no preservatives. Refrigerate during collection 4 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Friday | 3 - 5 days | <i>Outside Reference Laboratory</i> Collection: Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory. Inpatient Collection: Container must be labeled with patient’s full name, medical record number, room number; date and time collection started and date and time collection finished. Outpatient Collection: Container must be labeled with patient’s full name and date of birth; date and time collection started and date and time collection finished. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|-------------|---|-------------|---------------------------------------|--|------------|--|
| Histamine, 24 hour Urine -continued- | | | | | | | Collect specimen in a 24-hour urine container with 10ml 6N HCl. Avoid direct sunlight. Avoid taking allergy causing drugs, antihistamines, oral corticosteroids and substances which block H2 receptors 24 hours prior to collection |
| Histone IgG Antibody <i>Formerly: Histone-DNA Complex IgG Autoantibodies</i> | 83516 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Saturday | 3 - 6 days | Outside Reference Laboratory [Pediatric minimum (0.3mL) No repeats] Unacceptable: Plasma, Urine, Severely lipemic, Icteric, bacterially contaminated, or hemolyzed specimens. Stability after separation from cells: Ambient= 2 days, Refrigerated= 2 weeks, Frozen= 1 year (avoid repeated freeze/thaw cycles). |
| Histamine, Whole Blood | 83088 | Collect whole blood specimen in a Green (sodium or lithium heparin). Tube. 1 mL required volume. 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday, Thursday | 1 – 5 days | Outside Reference Laboratory Alternate specimen: NONE. |
| Histoplasma Antibody | 86698 X2 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 3 - 4 days | Outside Reference Laboratory |
| Histoplasma Antigen Urine <i>Formerly: Histoplasma Antigen Detection</i> | 87385 | Urine, Random Collected in sterile urine container 2 mL required volume 0.5 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 3 – 5 days | Outside Reference Laboratory Unacceptable Specimens: Samples in transport media; Samples in cyto ThinPrep; Specimens with particulate matter or viscosity. |
| Histoplasma Antigen <i>Formerly: Histoplasma Antigen Serum</i> | 87385 | Serum. SST, tiger top tube 2 mL min volume 0.5 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up; Monday – Friday | 3 – 5 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|-------------------------------------|---|-------------|---------------------------------------|------------------------------|------------|---|
| HIT Autoantibodies <i>Formerly: Heparin Induced Platelet Antibody (HIT)</i> | 86022 | Serum, SST, tiger top tube 1 mL required volume | Frozen | <i>See Report or Scanned Document</i> | Set up; Monday – Friday | 35 days | <i>Outside Reference Laboratory</i> Centrifuge, separate and freeze serum |
| HIV-1 Antibody Confirm by Western Blot <i>Formerly: HIV-1 Antibody Confirmation by Western Blot (HIV-1 P24 Antigen)</i> | 86689 | Serum, SST, tiger top tube.). 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Saturday | 2 – 3 days | <i>Outside Reference Laboratory</i> |
| HIV-1/2 Antibody Differentiation <i>Formerly: HIV 1/2 AB Differentiation w/reflex</i> | 86701 86702 Reflexed 87536 | Plasma, EDTA Lavender top tube | Frozen | See Report or Scanned Document | Set up: Varies | 1 – 2 days | <i>Outside Reference Laboratory</i> Separate plasma from cells ASAP or within 2 hours of collection. Transfer 3 mL plasma into an ARUP Standard Transport Tube dedicated only for HIV testing. (Min: 1.5 mL) Remove particulate material. Unacceptable Conditions: Serum. Heparinized or citrated plasma specimens. Specimens submitted in plasma preparation tube. Specimens containing particulate material. Severely hemolyzed or heat-inactivated specimens. Remarks: This test requires a dedicated tube of EDTA plasma submitted only for HIV testing |
| HIV 1 and HIV 2 (Generation 4 Test) | 86703 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Ambient | Negative | Set up: 24 hours, daily | 24 hours | |
| HIV 1 Genotype <i>Formerly: HIV 1 Genotyping by Sequencing</i> | 87901 | Plasma, EDTA Lavender (EDTA), 4 mL required volume 1.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Sunday - Saturday | 4 – 8 days | <i>Outside Reference Laboratory</i> Preferred specimen to be plasma from cells within 2 hours of collection (maximum 6 hours) and frozen. Unacceptable Conditions: Serum. Heparinized specimens. Stability: On Cells: Ambient: 6 hours; After separation from cells: Ambient: |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|------------------------------------|---|-------------|--------------------------------|------------------------------|--------------|---|
| HIV 1 Genotype -continued- | | | | | | | 24 hours; Refrigerated: 5 days; Frozen: 4 months. <i>Please submit most recent viral load and test date, if available.</i> |
| HIV RNA Quantitative PCR | 87535 | Plasma, EDTA Lavender top tube 2 mL required volume 1.5 mL minimum volume | Frozen | See Report or Scanned Document | Set up: Tuesday | 5 – 7 days | Outside Reference Laboratory COLLECTION REQUIREMENTS 2 mL (1.5) EDTA Plasma - Separated and Freeze plasma in plastic aliquot tube within 2 hrs of collection. |
| HIV Rapid Screen | 86701 | Serum separator tube 1.0 mL required volume | Ambient | See Report or Scanned Document | Set up as received | 1 hour | |
| HIV -1/2 Antigen/Antibody Screen 4 th Generation Formerly: HIV 1, 2 4 th Generation | 87389 if reflexed, add 86689 | Serum separator tube 1.0 mL required volume 0.5 mL minimum volume | Refrigerate | See Report or Scanned Document | Set up: 24 hours | 24 hours | |
| HIV Penotype Comprehensive Formerly: Phenosens GT | 87906 87903 87904 X11 | See instructions Collect 2 tubes using EDTA PPT – white top tube or Collect 2 tubes using EDTA Lavender top tubes | Frozen | See Report or Scanned Document | Set up: Sunday – Saturday | 14 – 18 days | Outside Reference Laboratory Draw blood in draw 2 PPT tubes centrifuge within 2 hours of collection or 2 EDTA Lavender top tubes centrifuge within 2 hours of collection. Centrifuge at 1000-1200 xg at room temperature for 10-15 min. Separate plasma from cells. If PPT used, okay to centrifuge. DO NOT pour off or aliquot. Freeze entire tube after centrifuging immediately in a polyethylene tube. NOTE: Value of most recent viral load and Date of viral load should be submitted it with the specimen. Ship specimen frozen on dry ice. Do not thaw. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|-----------------|--|-------------|---------------------------------------|------------------------------|-------------|---|
| HLA A, B, C, DR and DQ | 81370 | Collect whole blood specimen in a Lavender (EDTA), or yellow (ACD Solution A or B) tube. 3.0 mL required volume 1.0 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday-Friday | 7 days | Outside Reference Laboratory Do not spin or separate |
| HLA Antibody Screen Class 1 and II (PRA) | 86808 | Collect whole blood specimen in a Lavender (EDTA), or yellow (ACD Solution A or B) tube. 3.0 mL required volume 1.0 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday-Friday | 7 days | Outside Reference Laboratory Do not spin or separate |
| HLA DR by DNA (Low Interm Resolution) | 81376 | Collect whole blood specimen in a Lavender (EDTA), or yellow (ACD Solution A or B) tube. 3.0 mL required volume 1.0 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday-Friday | 7 days | Outside Reference Laboratory Do not spin or separate |
| HLA DR/DQ Typing Formerly: HLA DR, DQ Phenotype | 81382 x2 | Whole blood, EDTA Lavender top tube. 4.0 mL required volume 1.0 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Varies | 9 – 16 days | Outside Reference Laboratory Collect: Lavender (EDTA). Also acceptable: Yellow (ACD Solution A). Unacceptable Conditions: Yellow (ACD Soution B) specimens. Clotted, grossly hemolyzed, or heparinized specimens. Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable |
| HLA Typing For Narcolepsy Formerly: HLA Narcolepsy Evaluation | 81383 | Whole Blood, EDTA Lavender top tube. 3.0 mL required volume 1.0 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Varies | 11–13 days | Outside Reference Laboratory |
| HLA Typing A, B, & C Complete | 86813 | Collect whole blood specimen in a Lavender (EDTA), or yellow (ACD Solution A or B) tube. 3.0 mL required volume 1.0 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday-Friday | 5 – 11 days | Outside Reference Laboratory |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|------------------------------|--|-------------|---------------------------------------|---|------------|---|
| HLA B27 Typing | 86812 | Whole blood, EDTA Lavender top tube , 4.5 mL required volume 1.0 mL minimum volume | Ambient | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 2 days, | Outside Reference Laboratory Deliver to laboratory (flow cytometry) ASAP. DO NOT Centrifuge or Refrigerate. Collect Monday through Friday only! Specimen must be received in the lab section by Friday afternoon or collect sample on Monday. Specimen stability: 48hrs Room Temperature. |
| Homocysteine | 83090 | Serum, SST, tiger top tube or green (*lithium heparin) tube. 1 mL required volume 0.5 mL minimum volume | Refrigerate | 5.0 – 13.9 umol/L | Set up: Sunday – Saturday | 24 hours | Outside Reference Laboratory |
| Homocysteine, Urine | 82131 | 24-hour urine. Specimen must be refrigerated during collection. Also acceptable: Random urine (reported as homocystine/creatinine ratios). | Frozen | <i>See Report or Scanned Document</i> | Set up: Tuesday | 2 -10 days | Outside Reference Laboratory Patients should abstain from vitamin C ingestion for 48 hours prior to specimen collection. |
| Homovanillic Acid, 24 Hour Urine | 83150 82570 | 24 hour urine collection, refrigerate during collection 10 mL required volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday – Wednesday, Friday – Saturday | 3 days | Outside Reference Laboratory Collect 24-hour urine in a 24-hour urine container with 15 g of boric acid or 25 mL of 6N HCl to maintain a pH below 3. Urine without preservative is acceptable if pH is below 6 and the sample is shipped frozen. Record 24-hour urine volume on test request form and urine vial. It is preferable for the patient to be off medications for three days prior to collection. However, common antihypertensives (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) cause minimal or no interference. Patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise prior to collection |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|---|-------------|---------------------------------------|--|------------|--|
| Honey Allergen <i>Formerly: Honey IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Honey Bee Allergen <i>Formerly: Honey Bee IgE</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| Hops Allergen <i>Formerly: Hop (Fruit Cone) IgE Allergen Specific</i> | 86003 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday - Friday | 2 - 4 days | Outside Reference Laboratory |
| House Dust (Greer) IgE <i>See: Dust Greer Allergen</i> | | | | | | | |
| HPV High Risk Only (No PAP) <i>Formerly: HPV High Risk Thin Prep</i> | 87624 | Cervical specimen. Each specimen should be bagged separately. 4 mL required volume Indicate source of specimen. | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 1 -5 days | Outside Reference Laboratory Females should avoid high concentrations of antifungal cream, contraceptive jelly, or douche at time of collection. |
| Human Papillomavirus HSV 70 Antibody (Anti 68KD Ag) | 84181 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Friday | 4 days | Outside Reference Laboratory <i>Unacceptable: gross hemolysis or gross lipemia</i> |
| HSV 1 Glycoprotein G Antibody, IgG <i>See: Herpes IgG Type 1</i> | | | | | | | |
| HSV 2 Glycoprotein G Antibody, IgG <i>See: Herpes IgG Type 2</i> | | | | | | | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|----------|--|-------------|---|--------------------------------------|------------|---|
| HSV 1 / 2 Antibody IgG w/Reflex | 86694 | Serum, SST, tiger top tube 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday – Thursday | 7 days | Outside Reference Laboratory |
| HTLV I, II Antibodies with Reflex to Confirmation Formerly HTLV I, II Antibody (Human T-Lymphotropic Virus) | 86790 | Serum, SST, tiger top tube. Also acceptable: Light blue (sodium citrate), green (sodium or lithium heparin) or lavender (EDTA) 0.5 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 1 – 5 days | Outside Reference Laboratory Alternate specimen: Plasma (type not indicated) EDTA Plasma ACD, Sodium Heparin. |
| Hu Antibody (Neuronal Nuclear IgG Type 1 Hu) | 83516 | Serum, SST, tiger top tube 1 mL required volume 0.15 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Thursday | 1 – 8 days | Outside Reference Laboratory |
| Hu Antibody Screen w/Reflex Titer and WB | 86255 | Serum, SST, tiger top tube 1 mL required volume 0.15 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 3 – 5 days | Outside Reference Laboratory |
| Hydrocorticosteroids 17, 24 Hour Urine | 83491 | 24 hour Urine, collected in 24 hour urine container. 15 mL required volume 5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 3 - 5 days | Outside Reference Laboratory Collect urine with 10 grams of boric acid to maintain pH below 7.5. Record 24-hour urine volume on test request form and urine vial. Random urine samples are acceptable, but reference ranges do not apply |
| Human Growth Hormone See: Growth Hormone | 83003 | Serum, SST, tiger top tube 1 mL required volume 0.3 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 5 days | Outside Reference Laboratory Alternate specimen: None |
| IgG Profile | 82784 x3 | Serum: SST, tiger top tube 1 mL minimum volume | Ambient | IgA: 40 – 350 mg/dl IgM: 50 – 300 mg/dl IgG: 650 – 1600 mg/dl | Set up: Monday – Friday | 3 days | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|-------------------------------|--|-------------|---------------------------------------|--|------------|---|
| Immunoglobulin IgA <i>Formerly: IgA</i> | 82784 | Serum: SST red top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | 40 –350 mg/dl | Set up: 24 hours, daily | 2 hours | 0 – 16 years IgA test sent to reference lab. |
| Immunoglobulin IgD <i>Formerly: Immunoglobulin D</i> | 82784 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday | 3 - 4 days | <i>Outside Reference Laboratory</i> |
| Immunoglobulin IgE <i>Formerly: IgE</i> | 82785 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 1 – 3 days | <i>Outside Reference Laboratory</i> Preferred specimen temperature is frozen. Specimen stability is 1 week frozen and 48 hours refrigerated. |
| IgG | 82784 | Serum: SST red top tube | Refrigerate | 650 – 1600 mg/dl | Set up: 24 hours daily | 2 hours | 0 – 16 years IgG test sent to reference lab. |
| IgG Synthesis Rate On CSF <i>Formerly: IgG Synthesis and Index</i> | 82040 82042 82784 x2 | CSF AND serum separator tube. Serum specimen should be drawn within 48 hours of CSF collection. 1 mL required volume for CSF and serum specimens. 0.4 mL minimum volume for both specimens | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 24 hours | <i>Outside Reference Laboratory</i> Centrifuge and separate CSF to remove cellular material. Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL CSF AND 1 mL serum to individual Standard Transport Tubes. (Min: 0.4 mL CSF AND 0.4 mL serum) |
| IgM | 82784 | Serum: SST red top tube | Refrigerate | 50 – 300 mg/dl | Set up: 24 hours daily | 2 hours | 0 – 16 years IgM test sent to reference lab. |
| IgG Subclasses <i>Formerly: Immunoglobulin Subclasses</i> | 82787 x4 | Serum, SST, tiger top tube 1 mL required volume 0.5 minimum volume | Refrigerate | <i>Interpretive Data</i> | Set up: Monday – Saturday | 1 – 3 days | <i>Outside Reference Laboratory</i> FASTING |
| Imipramine Level | 80335 | Serum. Plain red top tube. 3 mL required volume 1.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 3 – 4 days | <i>Outside Reference Laboratory</i> Do not use gel barrier tubes. Separate from cells as soon as possible after clotting. Optimum time to collect sample: 10-14 hours post oral dose. |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---------------------------------------|-----------------|--|-------------|---------------------------------------|--|---------------|---|
| Immunotype, Serum | 86334; 84165 | Serum: SST red top tube or gold top tube 3 mL required volume 2 mL minimum volume | Refrigerate | <i>Interpretive Data</i> | Set up: Monday, Wednesday, Friday | 24 – 48 hours | |
| Immunotype, Random Urine | 86335 84166 | Fresh random urine collection. 10 mL required volume 5 mL minimum volume | Refrigerate | <i>Interpretive Data</i> | Set up: Monday, Wednesday, Friday | 24 – 48 hours | |
| Immunotype, 24 Hour Urine | 86335 | 24 Hour urine collection, urine jug should have no preservatives. Use aliquot from 24 hour urine. 5 mL required volume | Refrigerate | <i>Interpretive Data</i> | Set up: Monday, Wednesday, Friday | 24 – 48 hours | |
| Immuno Complex Detection by Raji Cell | 86332 x2 | Serum, SST, tiger top tube 1 mL required volume 0.5 min. minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Tuesday | 2 – 9 days | Outside Reference Laboratory Alternate specimen: Plasma, EDTA. NO SST TUBES . Freeze within one hour of collection. |
| Immunoglobulin Profile, CSF | 82784 X3 | Collect CSF specimen 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Wednesday, Saturday | 1 – 5 days | Outside Reference Laboratory Centrifuge and separate to remove cellular material. |
| Influenza A and B by PCR | 87502 | Swab, Collect minim-flocked Swab in Universal transport. Alternate: Nasal Wash Collect in sterile screw top container Alternate: Bronchial Lavage/wash collected in sterile aorgane screw top container. | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 1 – 3 days | Outside Reference Laboratory The preferred specimen is mini-Flocked Swab in Universal Transport Media (UTM) (Comes as a kit: RML Supply# 50775), BD Viral Transport Media (VTM) or M4. Keep swabs refrigerated up to 48hrs (room temperature stability is only 4hrs). Freeze if testing will be delayed more than 48hrs. Also acceptable 3mL(1mL) BAL or NP/Nasal/Tracheal Aspirate Sterile Screwtop tube Refrigerated. NOTE: DO NOT USE Caclium Alginate or Wooden Shaft Swabs as they inhibit PCR testing.. |
| Influenza A and B Antibody Panel | 86710 X4 | Serum, SST, tiger top tube 1 mL required volume 0.05 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 1 – 6 days | Outside Reference Laboratory Includes: Influenza A Antibodies and Influenza B Antibodies |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|----------|---|-------------|--|--|--|--|
| Influenza A and B Rapid Screen | 87400 | Nasal swab | Ambient | Negative | Set up: 24 hours, daily | TAT 1 hour | |
| INR (Protime) | 85610 | Plasma (blue top citrate tube) | Refrigerate | | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |
| Islet Cell IgG Antibody <i>Formerly: Islet Cell Cytoplasmic Antibody, IgG</i> | 86341 | Serum, SST, tiger top tube 2 mL required volume 0.5 minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday, Wednesday, Friday | 2 – 4 days | <i>Outside Reference Laboratory</i> |
| Insulin Level Total <i>Formerly: Insulin Level</i> | 83525 | Serum, SST, tiger top tube. 2 mL required volume 0.5 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 24 hours | <i>Outside Reference Laboratory</i> Overnight fasting is required. Allow to clot then centrifuge aliquot 2mL(0.5mL) Serum into plastic aliquot tube and freeze ASAP. Stability: Room temperature= 8hrs; Refrigerated=48hrs; Frozen=14days. Insulin assay not recommended for patients with insulin autoantibody. Use Free Insulin assay if autoantibody positive |
| Insulin–like Growth Factor 1 <i>See: Somatomedin</i> | 84305 | Serum, SST, tiger top tube 1 mL required volume 0.4 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 – 3 days | <i>Outside Reference Laboratory</i> Serum separator tube (SST) (gold or red), allow specimen to clot fully, centrifuge, remove and freeze serum. Serum stability: Refrigerated = 24hrs.; Frozen = 1Mo. |
| Interleukin 6 | 83520 | Plasma, EDTA Lavender top tube, Alternate: Serum, plain red tube, no gel. 1 mL required volume 0.3 mL minimum volume | Frozen | <i>See Report or Scanned Document</i> | Set up: Thursday | 5 days | <i>Outside Reference Laboratory</i> Freeze Plasma Immediately Do Not Thaw! |
| Intrinsic Factor Antibody | 86340 | Serum, SST, tiger top tube 1 mL required volume 0.3 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday, Saturday | 3 days | <i>Outside Reference Laboratory</i> |
| Iron | 83540 | Serum: SST red top tube | Refrigerate | Male: 65 – 175 µg/dl Female: 50 – 170 µg/dl | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|--------------|--|-------------|--|--|--|---|
| Iron Binding Capacity | 83550 | Serum: SST red top tube | Refrigerate | See Below Reference Ranges Iron: Male: 65-175 µg/dl Female: 50 - 170 µg/dl Iron Saturation Male: 20 – 50% Female: 20 – 50% Total Iron Binding Capacity 240 - 450 µg/dl UIBC Male: 126 – 382 ug/dl Female: 126 – 382 ug/dl | Set up: 24 hours, daily | Stat: 1 hour Routine: 4 hours | |
| Iron Level Liver Tissue <i>Formerly: Iron, Liver</i> | 83540 | Liver tissue obtained with an 18 gauge needle. 1 cm long specimen. | Refrigerate | See Report or Scanned Document | Set up: Monday, Wednesday, Thursday, Friday, Saturday | 2 – 6 days | Outside Reference Laboratory Collect: Liver tissue obtained with an 18 gauge needle. Transport at least a 1 cm long specimen. Tissue can be fresh, paraffin-embedded, or dried. Also acceptable: Formalin-fixed. Specimens should be stored and transported in a metal-free container such as a royal blue (no additive). Submission in trace-metal free container is acceptable. Unacceptable Conditions: Specimens less than 0.25 mg (dry weight). Specimens stored or shipped in saline. Remarks: Age is required on test request form in order to calculate iron index. Stability: Paraffin block, preserved (formalin), or dried: Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Indefinitely. Fresh tissue: Ambient: Unacceptable; Refrigerated: 1 week; Frozen: Indefinitely |
| Isopropanol Level See: Volatile Screen | | | | | | | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|--|--|-------------|---|--|---|--|
| Itraconazole Level <i>Formerly: Itraconazole, Quantitative by LC- MS/MS</i> | 80299 | Serum, Plain Red top tube, 2 mL required volume 1 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Tuesday, Thursday, Saturday | 1 - 4 days | Outside Reference Laboratory Unacceptable: Collection with gel barriers (SST or PST). |
| JC Virus Qualitative PCR <i>Formerly: JC Virus by PCR</i> | 87798 | Plasma, EDTA Lavender top tube 3 mL required volume 0.3 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Sunday – Saturday | 2 - 5 days | Outside Reference Laboratory This is for EDTA Plasma specimens only. Stability: Ambient: 48 hours; Refrigerated: 7 days; Frozen: 30 days. Unacceptable Specimens: Urine, CSF, Heparin Plasma specimens. |
| Jo-1 Antibody | 86235 | Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday. Wednesday. Friday | 3 - 4 days | Outside Reference Laboratory Overnight fasting is preferred. |
| Joint Culture Order Anaerobic Culture and an Aerobic Culture and Gram Stain | 87070 | Aseptically collected joint fluid – sterile tube or syringe, or swab in culturette. | Ambient | “No Growth ” | Set up: 24 hours, daily | Final report in 4 days. Preliminary reports are issued daily. | If anaerobes are suspected, an anaerobic culture should be requested. All rapid growing, nonfastidious aerobic organisms will be identified. Susceptibility testing will be performed if indicated. |
| Kappa/Lambda Light Chains with Ratio, Serum | 83883 X2 | Serum, SST, tiger top tube 2 mL required volume 0.5 mL minimum volume | Refrigerate | <i>See Report or Scanned Document</i> | Set up: Monday – Friday | 1 – 4 days | Outside Reference Laboratory |
| Karyotype, Bone Marrow | 88237 88264 | Specimen is bone marrow aspirates. 3 mL volume | Ambient | <i>Interpretive Data</i> | Set up: Monday – Friday | 10 days | |
| Karyotype, Tumor Tissue | 88233 88239 88261 88264 88280 | Biopsy specimen in a sterile container 10 mm require volume | Ambient | <i>Interpretive Data</i> | Set up: Monday - Friday | 14 – 28 days | |
| Ketones, Urine | 81003 | 5 mL urine collection in sterile cup | Ambient | <i>Interpretive Data</i> | Set up: Monday – Friday | 24 hours | |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|--|---------------------|--|--------------------|--|---------------------------------------|---|---|
| <p>Ketosteroids-17Total, 24 hour Urine</p> <p>See: 17 – Ketosteroids Total 24 Hour Urine</p> | <p>83586</p> | <p>24 hour urine collected in a 24 hour urine container with no preservatives. Refrigerate during collection 20 mL required volume 10 mL minimum volume.</p> | <p>Refrigerate</p> | <p><i>See Report or Scanned Document</i></p> | <p>Set up: Monday – Friday</p> | <p>2 – 3 days</p> | <p>Outside Reference Laboratory Collection: Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory. Inpatient Collection: Container must be labeled with patient’s full name, medical record number, room number; date and time collection started and date and time collection finished. Outpatient Collection: Container must be labeled with patient’s full name and date of birth; date and time collection started and date and time collection finished. Collect urine with 10 grams of boric acid or or 25 mL 50% Acetic Acid or 30 mL 6N HCl during collection to maintain pH below 7.5. Keep urine refrigerated during collection and after collection. Record 24-hour urine volume on test request form and urine vial.</p> |
| <p>Kidney Urine Culture (Order a Urine Culture)</p> | <p>87086</p> | <p>Urine surgically collected from bladder/kidney. Please note if the urine is from Surgery.</p> | <p>Ambient</p> | <p>“No Growth 72 hours”</p> | <p>Set up: 24 hours, daily</p> | <p>Final report in 72 hours. Preliminary reports issued daily.</p> | <p>Do not submit needle on syringe. Screened for aerobes and anaerobes. Colony counts performed. Susceptibility performed on significant pathogens.</p> |

| Test Name | CPT Code | Specimen Requirement | Temp | Reference Range | Availability | TAT | Comments |
|---|--------------|--|---------|------------------------|--|--|--|
| KOH Prep See: Fungal Culture | 87102 | Specimen: Anybody site/secretion or fluid other than blood. (See Fungus Culture Blood). | Ambient | "No Growth at 4 weeks" | Set up: 24 hours, daily | Final report in 4 weeks. Preliminary reports issued daily. | Collection: Put specimen in a sterile container or aerobic swab and send to the Laboratory. The Laboratory should be informed of the fungal species suspected. Every effort should be made to collect the specimen early in the day so that it may be processed promptly, assuring optimal yield. Storage Instructions: Transport specimen to the laboratory immediately. Normally sterile fluids or sites should not be refrigerated. Respiratory, urine, skin, and nails may be stored at 4°C to 8°C, but no longer than absolutely necessary (4 hours or less). |
| KOH Skin /Hair / Nails See: Fungal Culture | 87101 | Specimen: Hair, skin, nails. Container: Sterile test tube, cup, Petri dish | Ambient | "No Growth at 4 weeks" | Set up: 24 hours, daily | Final report in 4 weeks. Preliminary reports issued daily. | Storage Instructions: Transport specimen to the laboratory immediately. Skin, hair, and nails may be stored at 4°C to 6°C, but no longer than absolutely necessary (4 hours or less). |