

LABORATORY TEST LIST

| TEST NAME | Sample Requirement | Storage/Transport Temperature | Acceptable alternative specimen | Other requirements | Causes for rejection | | LABCORP TEST CODE | Time to Result for Routine Order |
|-------------------------|---|-------------------------------|---|--|--|---------|-------------------|----------------------------------|
| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 | Column7 | Column8 | Column9 |
| 5 HIAA | 4 ml aliquot from 24-hour urine | Refrigerate | | Record total volume on form and specimen | pH is 2 or less | LabCorp | 004069 | 7 days |
| ACE | 1 ml serum | Refrigerate | | | | LabCorp | 010116 | 7 days |
| ACETAMINOPHEN | 1 ml, serum or heparinized plasma REFRIGERATE | Refrigerate | | | | NNRH | | 2 hours |
| ACID FAST BACILLI | 5ml sputum or respiratory aspirate, CSF or bone marrow. 50 ml body fluid, 10 ml whole blood | Refrigerate | Sputum, biopsy, body fluid, urine, blood, or gastric contents | | | LabCorp | 183753 | 6 weeks |
| ACTH | 0.8 ml EDTA plasma | Frozen | None | Collect into <u>cold</u> EDTA tube, place back in ice. Centrifuge within 1 hour. Collect between 7 and 10 AM. | | LabCorp | 004440 | 7 days |
| AFP 4 (QUAD) | 5 ml serum | Refrigerate | | Requires AFP request form completed by provider. Send original SST tube. DO NOT pour off. | | LabCorp | 017319 | 7 days |
| AFP TUMOR MARKER | 1 ml serum | Refrigerate | | | | LabCorp | 002253 | 7 days |
| AFP-AMNIOTIC FLUID | 1 ml amniotic fluid | Room temperature | | | Contamination with fetal blood, or sample tube with rubber stopper | LabCorp | 002428 | 7 days |
| ALBUMIN | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| ALCOHOL-DIAGNOSTIC | 1 ml serum or heparinized plasma | Refrigerate | | Medical use only | | NNRH | | 2 hours |
| ALDOLASE | 1 ml serum | Refrigerate | | | | LabCorp | 002030 | 7 days |
| ALDOSTERONE BLOOD | 1 ml serum | Refrigerate | | | | LabCorp | 004374 | 7 days |
| ALDOSTERONE-24 HR URINE | 10 ml urine from 24 hour collection | Refrigerate | | | | LabCorp | 004291 | 7 days |
| ALK PHOS ISOENZYMES | 2 ml serum | Refrigerate | | | | LabCorp | 001612 | 7 days |

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| ALKALINE PHOSPHATASE | 1ml serum or heparinized plasma | Refrigerate | | | Hemolysis | NNRH | | 1 hour |
| ALPHA 1 ANTIRYPSIN | 1 ml serum | Refrigerate | | | | LabCorp | 001982 | 7 days |
| ALT (SGPT) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| AMIODARONE | 1 ml serum from plain red top tube | Refrigerate | | | Gel collection (SST) tube | LabCorp | 706705 | 7 days |
| AMITRIPTYLINE | 1 ml serum from plain red top tube | Refrigerate | | | Gel collection (SST) tube | LabCorp | 007476 | 7 days |
| AMMONIA | 1 ml heparinized plasma (green top) | Refrigerate | | Place specimen on ice IMMEDIATELY after collection | | NNRH | | 2 hours |
| AMNISURE ROM | Cervical swab collected by OB provider | Room temperature | | | Bloody specimen | NNRH | | 2 hours |
| AMPHETAMINES CONFIRMATION ON URINE | 10 ml urine | Refrigerate | | | | LabCorp | 071282 | 7 days |
| AMYLASE (SERUM) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| AMYLASE-BODY FLUID | 1 ml body fluid | Refrigerate | | | | NNRH | | 2 hours |
| ANA | 1 ml serum | Refrigerate | | | | LabCorp | 164947 | 7 days |
| ANCA | 1 ml serum | Refrigerate | | | | LabCorp | 162388 | 7 days |
| ANDROSTENEDIONE | 1 ml serum | Refrigerate | | | | LabCorp | 004705 | 7 days |
| ANTI DS DNA | 1 ml serum | Refrigerate | | | | LabCorp | 096339 | 7 days |
| ANTI ENA | 1 ml serum | Refrigerate | | | | LabCorp | 006338 | 7 days |
| ANTI MICROSOMAL (TPO) AB | 1 ml serum | Refrigerate | | | | LabCorp | 006676 | 7 days |
| ANTI MITOCHONDRIAL AB | 1 ml serum | Refrigerate | | | | LabCorp | 006650 | 7 days |
| ANTI PHOSPHOLIPID | 1 ml serum AND 1 ml citrated plasma (blue top) | Both frozen - submit together | | Requires both serum AND plasma | | LabCorp | 250555 | 7 days |
| ANTI PLATELET AB | 1 ml serum | Refrigerate | | | | LabCorp | 014086 | 7 days |
| ANTI SMOOTH MUSCLE AB | 1 ml serum | Refrigerate | | | | LabCorp | 006643 | 7 days |
| ANTIBODY SCREEN | 7 ml pink top EDTA tube | Refrigerate | | | | NNRH | | 4 hours unless STAT |
| ANTICARDIOLIPIN AB A, G,M QN | 1 ml serum | Refrigerate | | | | LabCorp | 161950 | 7 days |
| ANTIMULLERIAN HORMONE | 1 ml serum | Frozen | | | Not frozen | LabCorp | 500183 | 7 days |

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| ANTITHROMBIN 3 ACTIVITY | 2 ml citrated plasma (blue top) | Frozen | | | Not frozen | LabCorp | 015040 | 7 days |
| ARSENIC, BLOOD | 2 ml whole blood from ROYAL blue (trace metals) tube | Room temperature | | Send whole tube | Wrong tube; specimen opened | LabCorp | 007245 | 7 days |
| ASO SCREEN | 1 ml serum | Refrigerate | | | | NNRH | | 4 hours |
| ASO TITER | 1 ml serum | Refrigerate | | Reflexed from positive screen. Not orderable alone | | NNRH | | 4 hours |
| AST (SGOT) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| BARBITUATE CONFIRMATION URINE | 10 ml urine | Refrigerate | | | | LabCorp | 071290 | 7 days |
| BASIC FOOD ALLERGY PROFILE | 1 ml serum | Refrigerate | | | | LabCorp | 648014 | 7 days |
| BASIC METABOLIC PANEL | 1 ml serum or heparinized plasma | Refrigerate | | | Hemolysis | LabCorp | | 2 hours |
| BENCE JONES (IFE AND PE) 24 HR URINE | 30 ml aliquot from 24 hour urine | Refrigerate | | | | LabCorp | 003467 | 7 days |
| BENCE JONES (IFE AND PE) RANDOM URINE | 30 ml random urine collection | Refrigerate | | | | LabCorp | 122390 | 7 days |
| BENZODIAZEPINE CONFIRMATION URINE | 10 ml urine | Refrigerate | | | | LabCorp | 071308 | 7 days |
| BETA 2 MICROGLOBULIN | 1 ml serum | Refrigerate | | | | LabCorp | 010181 | 7 days |
| BICARBONATE (CO ₂) | 1ml serum or heparinized plasma | Refrigerate | | Test within 1 hour of collection | | NNRH | | 2 hours |
| BILE ACIDS | 1 ml serum | Frozen | | | | LabCorp | 010330 | 7 days |
| BILIRUBIN, DIRECT | 0.5 ml serum or heparinized plasma | Refrigerate | | Protect from light | Hemolysis | NNRH | | 2 hours |
| BILIRUBIN, TOTAL | 0.5 ml serum or heparinized plasma | Refrigerate | | Protect from light | Hemolysis | NNRH | | 2 hours |
| BK VIRUS QUANT PLASMA | 2 ml EDTA plasma (purple top) | Frozen | | | | LabCorp | 138962 | 7 days |
| BK VIRUS QUANT URINE | 2 ml urine | Frozen | | | | LabCorp | 138880 | 7 days |
| BLOOD CULTURE | 20 ml blood divided into two blood culture bottles, aerobic and anaerobic | Room temperature | | | | NNRH | | 5 days |
| BLOOD GAS | 0.3 ml heparinized whole blood | On ice | | | Room temperature | NNRH | | 1 hour |
| BLOOD UREA NITROGEN-(AKA BUN,UREA) | 1ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |

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| BNP | 1ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| BODY FLUID PH | 1 ml body fluid | Refrigerate | | | Clotted | NNRH | | 2 hours |
| BORDELLA PERTUSSIS PCR | Nasal swab in sterile transport container | Frozen | | To State Lab | | | | 7 days |
| C1 ESTERASE | 1 ml serum | Frozen | | | | LabCorp | 004648 | 7 days |
| <i>C DIFFICILE</i> ANTIGEN AND TOXIN | 1 gram unformed stool (pea sized) | Refrigerate | | | Formed stool | NNRH | | 2 hours |
| <i>C DIFFICILE</i> TOXIN GENE NAA | 5 grams unformed stool in sterile container | Refrigerate | | | Formed stool, sample frozen or in preservative | LabCorp | 183988 | 4 days |
| CA 125 | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| CA 15-3 | 1 ml serum | Refrigerate | | | | LabCorp | 143404 | 7 days |
| CA 19-9 | 1 ml serum | Refrigerate | | | | LabCorp | 002261 | 7 days |
| CA 27.29 | 1 ml serum | Refrigerate | | | | LabCorp | 140293 | 7 days |
| CALCITONIN | 1 ml serum | Frozen | | | | LabCorp | 004895 | 7 days |
| CALCIUM | 1 ml serum or heparinized plasma | Refrigerate | | | Avoid hemolysis | NNRH | | 2 hours |
| CALCIUM IONIZED | 1 ml heparinized whole blood; do not centrifuge | Room temperature | | Test promptly | Tube may not be opened before test | NNRH | | 1 hour |
| CALPROTECTIN | 1 gram stool | Frozen | | | | LabCorp | 123255 | 7 days |
| CANNABINOID CONFIRMATION, UR | 10 ml random urine | Refrigerate | | | | LabCorp | | 7 days |
| CAPILLARY BLOOD GAS | Capillary blood in Natelson tube | Room temperature | | Test immediately | | NNRH | | 1 hour |
| CARBAMAZAPINE | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| CARBOXYHEMOGLOBIN | heparinized plasma | Room temperature | | Test immediately | | NNRH | | 1 hour |
| CATECHOLAMINES BLOOD | 3 ml EDTA plasma | Frozen | | | | LabCorp | 084152 | 7 days |
| CATECHOLAMINES FRACTIONATED 24 HR URINE | 30 ml aliquot from 24 hour urine | Refrigerate | | | | LabCorp | 004176 | 7 days |
| CBC (COMPLETE BLOOD COUNT) | 3 ml EDTA whole blood | Room temperature for 4 hours, then refrigerate | | | Clotting, hemolysis | NNRH | | 2 hours |
| CBC WITH MANUAL DIFF | 3 ml EDTA whole blood | Room temperature for 4 hours, then refrigerate | | | Clotting, hemolysis | NNRH | | 2 hours |
| CCP ANTIBODY IGG & IGA | 1 ml serum | Refrigerate | | | | LabCorp | 164914 | 7 days |

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| CEA | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| CELIAC DISEASE CMP | 3 ml serum | Refrigerate | | | | LabCorp | 165126 | 7 days |
| CELL COUNT (BODY FLUID) | 1 ml body fluid in EDTA (purple) tube | Refrigerate | | | Clotting, submission in sample cup | NNRH | | 2 hours |
| CELL COUNT (CSF) | 1 ml CSF | Test immediately | | | | NNRH | | 2 hours |
| CERULOPLASMIN | 1 ml serum | Refrigerate | | | | LabCorp | 001560 | 7 days |
| CHLAMYDIA CULTURE | Swab in Universal Transport Media (UTM) | Refrigerate | | Specify sample source | | LabCorp | 008565 | 7 days |
| CHLAMYDIA/GC AMP PROBE | Aptima genital swab or urine | Room temperature | | Specify sample source | | LabCorp | 183194 | 7 days |
| CHLAMYDIA AMP PROBE | Aptima genital swab or urine | Room temperature | | Specify sample source | | LabCorp | 188078 | 7 days |
| CHLORIDE | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| CHOLESTEROL | 1 ml serum or heparinized plasma | Refrigerate | | Fasting preferred | Avoid hemolysis | NNRH | | 2 hours |
| CITRATE | 25 ml urine from 24 hour collection | | | Add 6N HCl after collection to achieve pH of 1 to 3 | Not acidified | LabCorp | 016865 | 7 days |
| CK (CPK) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| CK-MB (MMB) | 1 ml serum or heparinized plasma | Refrigerate | | | Avoid hemolysis | NNRH | | 2 hours |
| CLONOPIN (CLONAZEPAM) | 4 ml serum from plain red (no SST) | Refrigerate | | | Gel tubes unacceptable | LabCorp | 071712 | 7 days |
| CMV IGG | 1 ml serum | Refrigerate | | | | LabCorp | 006494 | 7 days |
| CMV IGM | 1 ml serum | Refrigerate | | | | LabCorp | 096727 | 7 days |
| CMV QUANT PCR | 2 ml EDTA plasma | Frozen | | | | LabCorp | 139149 | 7 days |
| COCAINE METABOLITE CONFIRMATION URINE | 10 ml urine | Refrigerate | | | | LabCorp | 071324 | 7 days |
| COLD AGGLUTININ QUANT | 1 ml serum | Refrigerate | | Allow to clot at 37°C | | LabCorp | 006353 | 7 days |
| COMPLEMENT C3 | 1 ml serum | Frozen | | | | LabCorp | 006452 | 7 days |
| COMPLEMENT C4 | 1 ml serum | Frozen | | | | LabCorp | 001834 | 7 days |
| COMPLEMENT TOTAL (CH50) | 1 ml serum | Frozen | | | | LabCorp | 001941 | 7 days |
| COMPREHENSIVE METABOLIC PANEL | 1ml serum or heparinized plasma. | Refrigerate | | 8 hour fasting specimen preferred | Hemolysis and lipemia may affect results | NNRH | | 2 hours |

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| COPPER BLOOD | 2ml plasma from royal blue top tube | Room temperature | | | | LabCorp | 001586 | 7 days |
| CORTISOL FREE 24 HR URINE | 100 ml aliquote from 24 hour collection | Refrigerate | | | | LabCorp | 004432 | 7 days |
| CORTISOL TOTAL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| C-PEPTIDE | 1 ml serum | Frozen | | | | LabCorp | 010108 | 7 days |
| CREATININE (BODY FLUID) | 1 ml body fluid | Refrigerate | | | | NNRH | | 2 hours |
| CREATININE (SERUM) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| CREATININE CLEARANCE | 24 hour urine, and 1 ml serum or heparinized plasma | Refrigerate | | Note patient's height and weight; Record total urine volume | | NNRH | | 4 hours |
| CREATININE-URINE-24HR | 1 ml urine from 24 hour collection | | | Record total urine volume | | NNRH | | 4 hours |
| CREATININE-URINE-RANDOM | 1 ml urine | Refrigerate | | | | NNRH | | 2 hours |
| CROSSMATCH | 6 ml pink top EDTA tube. | Refrigerate | | Patient must have blood bank armband for transfusion | | NNRH | | 2 hours |
| CRP | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| CRP-HIGH SENSITIVE (CARDIAC) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| CRYOGLOBULINS QL | 3 ml serum | Room Temperature | | Prewarm tube and allow to clot at 37°C. Separate and transfer serum to transport tube. Label 'prewarmed, serum' | | LabCorp | 001594 | 7 days |
| CRYPTOSPORIDIUM | Stool in pink O&P container | Room temperature | | | | LabCorp | 183020 | 7 days |
| CRYSTALS-BODY FLUID | Body fluid in EDTA tube | Room temperature | | | | LabCorp | 055355 | 7 days |
| CULTURE - BODY FLUID | Fluid in sterile container | Room temperature | | | | NNRH | | 5 days |
| CULTURE - CSF | Fluid in sterile container | Room temperature | | | | NNRH | | 5 days |
| CULTURE - GC SCREEN | Swab collected by provider | Room temperature | | | | NNRH | | 3 days |
| CULTURE - STREP GROUP A | Swab collected by provider | Room temperature | | | | NNRH | | 2 days |

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| CULTURE VIRUS | Swab or fluid inoculated to UTM media. | Refrigerate | | | | LabCorp | 008573 | 7 days |
| CYCLOSPORINE | Whole blood in EDTA tube | Refrigerate | | | | LabCorp | 706557 | 7 days |
| CYSTINE QUANT 24 HR URINE | 5 ml aliquot from 24 hour collection | Room temperature | | Date and time of collection, 24 hour urine volume, and whether patient is taking penicillamine. | | LabCorp | 700195 | 7 days |
| D-DIMER | Full citrate tube, 3 or 5 ml | Room temperature | | | Tube over- or underfilled | NNRH | | 2 hours |
| DHEA | 1 ml serum | Refrigerate | | | | LabCorp | 004100 | 7 days |
| DHEAS | 1 ml serum | Refrigerate | | | | LabCorp | 004020 | 7 days |
| DIFFERENTIAL-BODY FLUID | Body fluid in EDTA tube | Room temperature | | | Clotting, submission in sample cup | NNRH | | 2 hours |
| DIFFERENTIAL-MANUAL | Fresh capillary smear, or whole blood in EDTA tube | Room temperature | | | Clotting | NNRH | | 2 hours |
| DIGOXIN | 1 ml serum drawn 6 hours after dose, for therapeutic level. | Refrigerate | | Record time of last dose. | | NNRH | | 2 hours |
| DILANTIN (PHENYTOIN) | 1 ml serum, drawn 4-6 hours prior to next dose for therapeutic level. | | | Record time of last dose. | | NNRH | | 2 hours |
| DILUTE RUSSELL VIPER VENOM TIME | 2 ml citrated plasma | Frozen | | | | LabCorp | 117887 | 7 days |
| DIRECT COOMBS | 3 to 6 ml EDTA whole blood (pink or purple top) | Room temperature | | | | NNRH | | 2 hours |
| ELECTROLYTES | 1ml serum or heparinized plasma | Refrigerate | Urine | | Avoid hemolysis | NNRH | | 2 hours |
| ENDOMYSIAL AB | 1 ml serum | Refrigerate | | | | LabCorp | 164996 | 7 days |
| EOSINOPHILS-URINE | 10 ml urine | Refrigerate | | | | LabCorp | 115055 | 7 days |
| EPSTEIN BARR VIRUS PANEL | 2 ml serum | Frozen | | | | LabCorp | 216655 | 7 days |
| EPSTEIN BARR VIRUS QUANT PCR | 2 ml EDTA plasma | Frozen | | | | LabCorp | 138230 | 7 days |
| ERYTHROPOIETIN QUANT | 1ml serum | Refrigerate | | | | LabCorp | 140277 | 7 days |
| ESR-AUTO | 3 to 5 ml EDTA whole blood | Room temperature for 4 hours, then refrigerate | | | Avoid hemolysis | NNRH | | 3 hours |
| ESTRADIOL (E2) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |

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| ESTROGEN | 3 ml serum | Refrigerate | | | | LabCorp | 004549 | 7 days |
| EVEROLIMUS | 2 ml EDTA whole blood | Refrigerate | | | | LabCorp | 700003 | 7 days |
| FACTOR 8 ACTIVITY | 2 ml citrated plasma (blue top) | Frozen | | | | LabCorp | 086264 | 7 days |
| FACTOR 9 ACTIVITY | 2 ml citrated plasma (blue top) | Frozen | | | | LabCorp | 086298 | 7 days |
| FECAL FAT QUAL | 3 grams stool | Refrigerate | | | | LabCorp | 001677 | 7 days |
| FECAL FAT QUANT | 72 hour stool collection | | | Collect in special 'paint can' sample container from lab. | | LabCorp | 001354 | 7 days |
| FECAL LEUKOCYTES | Stool in sterile container | Room temperature | | | | LabCorp | 008656 | 7 days |
| FERRITIN | 1 ml serum or heparinized plasma | Room temperature | | | | NNRH | | 2 hours |
| FIBRINOGEN | 3 to 5 ml citrated plasma | Refrigerated or on ice | None | Separate plasma from cells | Tube over- or underfilled | NNRH | | 2 hours |
| FOLATE | 1 ml serum or heparinized plasma | Refrigerate | | | | | | 2 hours |
| FOLATE RBC | 2 full EDTA (purple top) tubes, each at least 5 ml. | Transfer 4 ml from one whole blood tube into a plastic transport tube and freeze. Transport second whole blood tube refrigerated | | No vitamins containing folic acid for 3 to 5 days prior to test | Frozen whole blood not submitted | LabCorp | 266015 | 7 days |
| FREE T3 | 1 ml serum | Refrigerate | | | | LabCorp | 010389 | 7 days |
| FREE T4 | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| FRUTOSAMINE | 1 ml serum | Refrigerate | | | | LabCorp | 100800 | 7 days |
| FSH | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| FTA-ABS | 1 ml serum | Refrigerate | | | | LabCorp | 082370 | 7 days |
| FUNGUS CULTURE | Sample in sterile container or on culturette swab | Refrigerate | | | | NNRH | | 4 weeks |
| G-6-PD QUANT | 2 ml EDTA whole blood | Refrigerate | | | | LabCorp | 001917 | 7 days |
| GABAPENTIN (NEURONTIN) | 1 ml plain red serum | Refrigerate | | | Do not use SST or gel tube | LabCorp | 716811 | 7 days |
| GAMMA GT | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| GASTRIN | 1 ml serum | Frozen | | | | LabCorp | 004390 | 7 days |
| GASTROCCULT | Gastric contents in sterile cup | Refrigerate | | | | NNRH | | 1 hour |
| GC AMP PROBE | Aptima genital swab or urine | Room temperature | | | | LabCorp | 188086 | 7 days |

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| GENITAL CULTURE | Culturette swab | Room temperature | | | More than 8 hours old | NNRH | | 3 days |
| GENTAMYCIN-RANDOM | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| GENTAMYCIN-TROUGH | 1 ml serum or heparinized plasma. Draw 1/2 hour before next dose. | Refrigerate | | | | NNRH | | 2 hours |
| GI PANEL FILMARRAY | Stool in sterile urine cup or orange ParaPak | Room temperature | | | | NNRH | | 3 hours |
| GIARDIA AG | Stool in sterile urine cup or pink O&P container | Room temperature | | | | LabCorp | 182204 | 7 days |
| GLUCOSE ONE HOUR POST LOAD | 1 ml serum or heparinized plasma. | Refrigerate | | Patient must be fasting. Test ends if patient experiences vomiting. | | NNRH | | 2 hours |
| GLUCOSE TOLERANCE TESTING | Sequential blood draws in serum or heparinized plasma, per requested time (3 hour GTT, 4 hour GTT) | Refrigerate | | Patient must be fasting. Test ends if patient experiences vomiting. | Test will be canceled if patient isn't present for collection at timed interval. | NNRH | | 2 hours after last draw. |
| GLUCOSE-BODY FLUID | 1 ml body fluid | Refrigerate | | | | NNRH | | 2 hours |
| GLUCOSE-CSF | 1 ml CSF | Refrigerate | | Test immediately | Bloody, clotted specimen | NNRH | | 2 hours |
| GLUCOSE-SERUM | 1 ml serum or heparinized plasma | Refrigerate | | 8 hour fasting preferred | | NNRH | | 2 hours |
| GLYCOHEMOBLOBIN | 1ml EDTA whole blood | Refrigerate | | | | | | 2 hours |
| SP GRAV BODY FLUID | 1 ml body fluid | Refrigerate | | | | NNRH | | 2 hours |
| GRAM STAIN ONLY | Specimen in sterile container | Refrigerate | | | | NNRH | | 2 hours |
| GRAM STAIN WITH CULTURE | Specimen on culturette swab or in sterile container | Refrigerate | | | | NNRH | | Variable depending on source |
| GROUP A STREP SEROLOGY | Culturette with double swabs | Room temperature | | Negative screens must be cultured for Group A strep | | NNRH | | 2 hours |
| GROUP, BLOOD | 6 ml EDTA tube | Refrigerate | | | | NNRH | | 3 hours |
| H PYLORI - STOOL | 1 gm stool in sterile cup | Frozen | | | | LabCorp | 180764 | 7 days |
| H. PYLORI | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| HAPTOLOBIN QUANT | 2 ml serum | Refrigerate | | | | LabCorp | 001628 | 7 days |
| HDL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |

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| HEAVY METAL SCREEN - BLOOD | 7 ml royal blue EDTA whole blood tube | Room temperature | | | | LabCorp | 042580 | 7 days |
| HEAVY METAL SCREEN - URINE | 10 ml urine from either random or 24 hour collection | Room temperature | | | | LabCorp | 007492 | 7 days |
| HEMATOCRIT | Whole blood in EDTA tube | Room temperature up to 4 hours, then refrigerate | | | Clotted | NNRH | | 2 hours |
| HEMOGLOBIN | Whole blood in EDTA tube | Room temperature up to 4 hours, then refrigerate | | | Clotted | NNRH | | 2 hours |
| HEMOGLOBIN FREE PLASMA | 1 ml heparinized plasma (green top) | Frozen | | | | LabCorp | 005595 | 7 days |
| HEMOGLOBINOPATHY PANEL (HGB ELECTROPHORESIS) | 3 ml EDTA whole blood | Refrigerate | | | | LabCorp | 121679 | 7 days |
| HEMOGRAM (H&H) | 3-5 ml EDTA whole blood | Room temperature up to 4 hours, then refrigerate | | | Clotting, hemolysis | NNRH | | 2 hours |
| HEPATIC FUNCTION PANEL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| HEPATITIS A AB IGM QUAL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| HEPATITIS B CORE AB IGM QUAL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| HEPATITIS B SURFACE AB QUAL | 1 ml serum | Refrigerate | | | | NNRH | | 1 day |
| HEPATITIS B SURFACE AG QUAL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| HEPATITIS C AB | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| HEPATITIS C RT-PCR QUANT | 3 ml serum | Frozen | | | | LabCorp | 550080 | 7 days |
| HEPATITIS PANEL | 2 ml serum | Refrigerate | | | | NNRH | | 1 day |
| HERPES SIMPLEX 1 & 2 CULTURE | Swab in Universal Transport Media (UTM) | Refrigerate | | | | LabCorp | 008250 | 7 days |
| HERPES VIRUS PCR | 0.5 ml Cerebrospinal fluid (CSF) | Refrigerate | | | | LabCorp | 138651 | 7 days |
| HIV | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| HIV QUANT PCR(VIRAL LOAD) | 4 ml EDTA plasma | Frozen | | | | LabCorp | 550430 | 7 days |
| HOMOCYSTEINE QUANT | 2 ml serum or EDTA plasma | Refrigerate | | | | LabCorp | 706994 | 7 days |

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|--------------------------------------|---|-------------------------------|---------------------------------|--------------------|----------------------|---------|-------------------|----------------------------------|
| HOMOVANILLIC ACID URINE | 4 ml urine from 24 hour collection | Room temperature | | | | LabCorp | 120253 | 7 days |
| HSV 1 & 2 IGM ABS INDIRECT | 1 ml serum | Refrigerate | | | | LabCorp | 165180 | 7 days |
| HSV 1 & 2 SPECIFIC AB IGG | 1.5 ml serum | Refrigerate | | | | LabCorp | 164905 | 7 days |
| HSV TYPE 1 SPECIFIC AB IGG | 1 ml serum | Refrigerate | | | | LabCorp | 164897 | 7 days |
| HSV TYPE 2 SPECIFIC AB IGG | 1 ml serum | Refrigerate | | | | LabCorp | 163147 | 7 days |
| HUMAN GROWTH HORMONE | 1 ml serum | Refrigerate | | | | LabCorp | 004275 | 7 days |
| IGA | 1 ml serum | Refrigerate | | | | LabCorp | 001784 | 7 days |
| IGE | 1 ml serum | Refrigerate | | | | LabCorp | 002170 | 7 days |
| IGG | 1 ml serum | Refrigerate | | | | LabCorp | 001776 | 7 days |
| IGG WITH SUBCLASSES 1-4 | 3 ml serum | Refrigerate | | | | LabCorp | 209601 | 7 days |
| IGM | 1 ml serum | Refrigerate | | | | LabCorp | 001792 | 7 days |
| IMIPRAMINE/DESIPRAMINE | 1 ml serum | Refrigerate | | | | LabCorp | 007468 | 7 days |
| IMMUNOFIXATION SERUM | 2 ml serum | Refrigerate | | | | LabCorp | 001685 | 7 days |
| IMMUNOGLOBULINS QUANT IGG, IGA, IGM | 2 ml serum | Refrigerate | | | | LabCorp | 001768 | 7 days |
| INDIA INK PREP | CSF in sterile tube without additive | Refrigerate | | | | NNRH | | 2 hours |
| INFLAMATOR BOWEL DISEASE PROFILE | 1.5 ml serum | Refrigerate | | | | LabCorp | 164830 | 7 days |
| INFLU A & B | Nasal swab or nasal wash in Universal Transport Media (UTM) | Room temperature | | | | NNRH | | 2 hours |
| INSULIN | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| INSULIN AB | 1 ml serum | Frozen | | | | LabCorp | 141598 | 7 days |
| INSULIN LIKE GROWTH FACTOR 1 (IGF 1) | 1 ml serum | Refrigerate | | | | LabCorp | 010363 | 7 days |
| IODINE RANDOM URINE | 5 ml random urine collection | Room temperature | | | | LabCorp | 070163 | 7 days |
| IRON BINDING CAPACITY (TIBC) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| IRON-SERUM | 1ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |

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| KEPPRA (LEVITIRACETEM) | 1 ml serum from plain red top tube | Refrigerate | | | Gel or SST tube | LabCorp | 716936 | 7 days |
| KIDNEY STONE ANALYSIS | Stone in sterile cup | Room temperature | | | | NNRH | 120691 | 7 days |
| KLEIHAUER BETKE STAIN (FETAL BLEED) | EDTA whole blood | Room temperature | | Package separately - send to LabCorp STAT | | LabCorp | Referred to St. Mary's, Reno | 1 day |
| KOH PREP | Vaginal swab submitted in KOH. Skin scrapings in sterile container | Room temperature | Call laboratory for instructions with other sources | | | NNRH | | 1 hour |
| LACTIC ACID | 5 ml gray top, sodium fluoride tube | Refrigerate | | Place specimen on ice IMMEDIATELY after collection | | NNRH | | 1 hour |
| LAMICTAL/LAMOTRIGINE | 1 ml serum from plain red top | Refrigerate | | | No gel or SST tube | LabCorp | 716944 | 7 days |
| LDH | 1 ml serum or heparinized plasma | Refrigerate | | | Avoid hemolysis | NNRH | | 2 hours |
| LDH-BODY FLUID | 1 ml body fluid | Refrigerate | | | | NNRH | | 2 hours |
| LEAD BLOOD | Royal blue top with EDTA, or tan top with EDTA | Room temperature | | | | LabCorp | 007625 | 7 days |
| LEGIONELLA AB QUAL | 1 ml serum | Room temperature | | | | LabCorp | 164616 | 7 days |
| LEGIONELLA AG URINE | 5 ml random urine collection | Refrigerate | | | | LabCorp | 182246 | 7 days |
| LH | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| LIPASE | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| LIPID PROFILE | 1 ml serum or heparinized plasma | Refrigerate | | For best results, fast 12-14 hours prior to test | | NNRH | | 2 hours |
| LIPOPROTEIN A | 1 ml serum | Frozen | | | | LabCorp | 120188 | 7 days |
| LITHIUM | 1 ml serum or heparinized plasma from sodium heparin tube | Refrigerate | | | Lithium heparin tube | NNRH | | 2 hours |
| LUPUS PANEL | 2 ml serum | Refrigerate | | | | LabCorp | 248161 | 7 days |
| LYMES | 2 ml serum | Refrigerate | | | | LabCorp | 160325 | 7 days |
| LYMES AB WESTERN BLOT | 2 ml serum | Refrigerate | | | | LabCorp | 258004 | 7 days |
| MAGNESIUM | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| MALARIA SMEAR | 1 full EDTA tube plus 2 thick and 2 thin smears. | Room temperature | | | | LabCorp | 008185 | 7 days |

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| MANGANESE-WHOLE BLOOD | Royal blue top with EDTA | Room temperature | | Submit original, unopened tube | Opened tube, aliquoted sample | LabCorp | 724195 | 7 days |
| MDMA CONFIRMATION URINE | 10 ml random urine | Refrigerate | | | | LabCorp | 071318 | 7 days |
| MECONIUM DRUG SCREEN | meconium | Room temperature | | Nurse collects in newborn nursery. Send by Fed Ex | | LabCorp | NONE | 7 days |
| MEDICAL URINE DRUG SCREEN | 1 ml random urine | Refrigerate | | | | NNRH | | 1 hour |
| MERCURY 24 HR URINE | 5 ml aliquote from 24 hour urine, or random urine | Room temperature | | | | LabCorp | 007773 | 7 days |
| MERCURY BLOOD | 7 ml whole blood collected in royal blue EDTA tube | Room temperature | | | | LabCorp | 085324 | 7 days |
| METANEPHRINES | 25 ml aliquot from 24 hour urine | Room temperature | | No caffeine before or during 24-hour collection | Monoamine oxidase inhibitors should be discontinued at least one week before testing. | LabCorp | 004234 | 7 days |
| METHADONE CONFIRMATION URINE | 10 ml random urine | Refrigerate | | | | LabCorp | 700070 | 7 days |
| METHEMOGLOBIN QUANT | Heparinized whole blood | Place on ice IMMEDIATELY when collected | | Test promptly | Not submitted on ice. | NNRH | | 1 hour |
| METHOTREXATE | 1 ml serum from plain red top | Refrigerate | | No tubes with gel separators may be used | No gel or SST tube | LabCorp | 007658 | 7 days |
| METHYLMALONIC ACID SERUM | 2 ml serum | Refrigerate | | Centrifuge to separate from cells within 1 hour | | LabCorp | 706961 | 7 days |
| MICROALBUMIN RATIO | 1 ml urine | Refrigerate | | | | NNRH | | 4 hours |
| MMR IMMUNITY PROFILE | 3 ml serum | Refrigerate | | | | LabCorp | 058495 | 7 days |
| MONOTEST | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| MS PROFILE MS-MBP | 2 ml serum <u>AND</u> 2.5 ml cerebrospinal fluid, collected on the same day | Separate into aliquots and refrigerate | | 2 tubes serum, 0.5 and 1.5 ml each. Three tubes CSF, 0.5, 1.0, and 1.0 ml each. | CSF not centrifuged for 20 minutes at 1500xg. | LabCorp | 123390 | 7 days |

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| MUMPS IGG QUAL | 1 ml serum | Refrigerate | | Freeze if transport/testing will take more than 9 days | | LabCorp | 096552 | 7 days |
| MYCOPHENOLIC ACID | 2 ml plain red serum or EDTA plasma | Room temperature | | No gel tube or SST | No gel or SST tube | LabCorp | 716795 | 7 days |
| MYELINE BASIC PROTEIN CSF | 1 ml cerebrospinal fluid | Refrigerate | | Centrifuge CSF at 1500Xg for 20 minutes. Submit supernate only | Fibrin or cellular matter in specimen | LabCorp | 123377 | 7 days |
| MYOGLOBIN-SERUM | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| NEWBORN CORD BLOOD PANEL | 1 ml EDTA <u>AND</u> 1 ml serum (plain red) from cord blood. | Room temperature | Heelstick sample from neonate | Bilirubin will be tested if infant DAT is positive | EDTA is clotted. | NNRH | | 4 hours |
| NMR LIPOPROFILE | Specialty tube from LabCorp - NMR Lipotube | Refrigerated or on ice | | Send whole tube | | LabCorp | 123810 | 7 days |
| OCCULT BLOOD | Fecal smears on Hemocult slide, or stool in a sterile cup | Room Temperature | | | Vomitus on stool card | NNRH | | 1 hour |
| OPIATES CONFIRMATION URINE | 10 ml random urine | Refrigerate | | | | LabCorp | 071456 | 7 days |
| ORGANIC ACIDS ANALYSIS, URINE | 10 ml random urine | Frozen | | | Urine too dilute, quantity not sufficient | LabCorp | 716720 | 7 days |
| OSMOLALITY URINE | 2 ml random urine or 24 hour collection | Refrigerate | | Record total volume for 24 hour collection | | LabCorp | 003442 | 7 days |
| OSMOLARITY BLOOD | 2 ml serum | Refrigerate | | | | LabCorp | 002071 | 7 days |
| OVA AND PARASITES | Stool submitted in Ova and Parasite kit (available from NNRH lab) | Room temperature | Contact laboratory for instructions if testing for parasites outside intestinal tract | Add just enough stool reach fill line on containers; do not over- or underfill | Interfering substances include castor oil, bismuth compounds, barium, or urine contamination | LabCorp | 008623 | 7 days |
| OXALATE | 10 ml aliquot from 24 hour urine collection | Room temperature | | Avoid high intake of animal protein or fruit and vegetables with high Vitamin C concentrations for 3 days before testing | Urine not acidified, patient taking Vitamin C supplements | LabCorp | 003970 | 7 days |

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| OXYCODONE CONFIRMATION URINE | 10 ml random urine | Refrigerate | | | | LabCorp | | 7 days |
| PANCREATIC ELASTASE | 3 grams stool | Refrigerate | | | | LabCorp | 123234 | 7 days |
| PARATHYROID HORMONE | 1 ml plasma from EDTA tube | Frozen if separated, keep whole blood refrigerated for transport | | | | NNRH | | 1 day |
| PARVOVIRUS IGM | 1 ml serum | Refrigerate | | | | LabCorp | 163303 | 7 days |
| PCP PHENCYCLIDINE CONFIRMATION URINE | 10 ml random urine | Refrigerate | | | | LabCorp | 071464 | 7 days |
| PHENOBARBITAL | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| PHLEBOTOMY - THERAPEUTIC | Procedure must have prior approval from laboratory medical director. Submit request at least one business day before procedure is to be scheduled. | | | Hematocrit must be on file before procedure can be performed. | No prior approval, no appointment for procedure, physical contraindications to procedure (low hematocrit, high blood pressure, etc) | NNRH | | By appointment only |
| PHOSPHORUS | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| PLATELET ANTIBODIES | 1 ml serum | Frozen | | | Hemolysis | LabCorp | 117150 | 7 days |
| PORPHOBILINOGEN URINE | 3 ml random urine | Frozen | | Protect from light | No frozen, exposed to light | LabCorp | 003053 | 7 days |
| PORPHYRINS URINE QUANT | 2 ml random urine or 24 hour collection | Refrigerate | | Protect from light | Exposed to light | LabCorp | 120980 | 7 days |
| POTASSIUM (K) | 1 ml serum or heparinized plasma | Refrigerate | | | Hemolysis | NNRH | | 2 hours |
| PREALBUMIN | 1 ml serum | Refrigerate | | | | LabCorp | 016931 | 7 days |
| PREGNANCY TEST (HCG)-SERUM | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| PREGNANCY TEST (HCG)-URINE | 1 ml urine | Refrigerate | | First morning sample is optimum | | NNRH | | 2 hours |
| PRENATAL PANEL | 3 ml serum and 3 to 5 ml EDTA whole blood | Refrigerate | | | One sample submitted without the other | NNRH | | 4 hours |
| PRIMIDONE | 1 ml serum or heparinized plasma, collected without gel | Room temperature | | Collect immediately prior to next dose | No gel or SST tube | LabCorp | 007856 | 7 days |
| PROCALCITONIN | 1 ml serum | Frozen | | | | NNRH | | 1 hour |

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| PROGESTERONE | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 day |
| PROLACTIN | 1 ml serum | Refrigerate | | | | NNRH | | 1 day |
| PROTEIN C ACTIVITY | 3 ml citrated plasma (Blue top coagulation tube) | Frozen | | | lipidemia, bilirubinemia, and hemolysis | LabCorp | 500463 | 7 days |
| PROTEIN ELECT SERUM | 2 ml serum | Refrigerate | | | | LabCorp | 001487 | 7 days |
| PROTEIN ELECT URINE | 20 ml random urine | Refrigerate | | First morning urine is optimum | | LabCorp | 354928 | 7 days |
| PROTEIN S ANTIGEN | 3 ml citrated plasma (Blue top coagulation tube) | Frozen | | | | LabCorp | 164517 | 7 days |
| PROTEIN-BODY FLUID | 1 ml body fluid | | | | | NNRH | | 2 hours |
| PROTEIN-CSF | 1 ml Cerebrospinal fluid (CSF) | Refrigerate | | Test immediately if possible | Bloody tap with clots | NNRH | | 2 hours |
| PROTEIN - SERUM | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| PROTHROMBIN II, LEIDEN MUTATION | 1 ml EDTA whole blood | Room temperature | Yellow ACD tube of whole blood | | Hemolysis, QNS, improper anticoagulant | LabCorp | 511162 | 7 days |
| PROTIME INCLUDES INR (INTERNATIONAL NORMALIZED RATIO) | 3 to 5 ml citrated plasma | Room temperature | | | Tube over- or underfilled | NNRH | | 2 hours |
| PROTOPORPHYRINS FEP/ZPP | 7 ml royal blue EDTA whole blood tube | Room temperature | | | | LabCorp | 010165 | 7 days |
| PSA | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| PSA TOTAL AND FREE PERCENT | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| PTT | 3 to 5 ml citrated plasma | Room temperature | | | Tube over- or underfilled | NNRH | | 2 hours |
| P-VON WILLE PROFILE | 3 ml citrated plasma (Blue top coagulation tube) | Frozen | | | Not frozen, tube not filled | LabCorp | 084715 | 7 days |
| QUANTIFERON TB GOLD | LabCorp specialty blood draw kit | Room temperature | | Specimen must incubate overnight before referral | | LabCorp | 182873 | 7 days |
| QUANTITATIVE HCG | 1 ml serum or heparinized plasma | | | | | NNRH | | 2 hours |
| RA SCREEN | 1 ml serum | | | Positive screens will reflex to an RA titer | | NNRH | | 2 hours |
| RAPAMUNE/SIROLIMUS | 3 ml EDTA whole blood | Refrigerate | | | | LabCorp | 716712 | 7 days |

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| RENAL FUNCTION PANEL | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| RENIN | 1 ml EDTA plasma | Frozen | | | Not frozen, not EDTA plasma | LabCorp | 002006 | 7 days |
| RESPIRATORY PANEL FILMARRAY | NP swab in Universal Transport Media (UTM) | | | | | NNRH | | 3 hours |
| RETIC COUNT | 1 ml EDTA whole blood | Test within 2 hours or refrigerate | | | Clotted | NNRH | | 2 hours |
| REVERSE T3 | 1 ml serum | Refrigerate | | | | LabCorp | 070104 | 7 days |
| RhO Du TYPING | 6 ml EDTA (Pink top) tube | Refrigerate | | | | NNRH | | 4 hours |
| ROCKY MOUNTAIN SPOTTED FEVER IGM (COLORADO TICK) | 1 ml serum | Refrigerate | | | | LabCorp | 016669 | 7 days |
| ROCKY MT SPOTTED FEVER IGG | 1 ml serum | Refrigerate | | | | LabCorp | 016592 | 7 days |
| ROTAVIRUS | 1 ml fresh stool | Refrigerate | | | | NNRH | | 2 hours |
| RSV | NP swab in saline, or nasopharyngeal wash | Room temperature | | Test immediately | Bloody specimens | NNRH | | 2 hours |
| RUBELLA | 1 ml serum | Refrigerate | | | | NNRH | | 1 day |
| SALICYLATE | 1 ml serum | Refrigerate | | | | NNRH | | 2 hours |
| SCABIES EXAM | Skin scrapings in a sterile screw top container, like a urine cup | Room temperature | | | | LabCorp | 188615 | 7 days |
| SEMEN ANALYSIS (PARTIAL-POST VAS.) | Fresh semen specimen in sterile cup | Room temperature | | Must be in laboratory within one hour of collection | | NNRH | | 1 hour |
| SEROTONIN | 2 ml serum from plain red top (no gel) | Frozen | | | No gel or SST tube; separate cells from serum within 30 minutes of collection | LabCorp | 120204 | 7 days |
| SEX HORM BINDING GLOBULIN | 1 ml serum | Refrigerate | | | | LabCorp | 120204 | 7 days |
| SGOT-AST | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| SGPT-ALT | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| SICKLE CELL SCREEN | 1 ml EDTA whole blood | Refrigerate | | | | LabCorp | 005330 | 7 days |
| SJOGRENS SSA SSB PANEL | 1 ml serum | Refrigerate | | | | LabCorp | 005223 | 7 days |
| SODIUM (Na) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |

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| SPUTUM CULTURE | Deep cough or induced sputum in sterile container | May refrigerate if transport is more than 1 hour | | | Saliva instead of sputum. Gross contamination with food or drink | NNRH | | 3 days |
| STOOL CULTURE | 1 gram or more of stool in sterile container | Room temperature | | Transfer sample to fill Para Pak transport device to fill line | Formed stool | LabCorp | | 7 days |
| SYPHILIS ANTIBODY (Test replaces RPR) | 1 ml serum | Refrigerate | | | | NNRH | | 1 day |
| T CELL HELPER INDUCED PANEL (CD4) | Full EDTA whole blood, PLUS an ACD (yellow top) tube; invert tube 8-10 times immediately after collection. Note date and time of collection on the tube and on the request form. | Room temperature | | Time collection so specimen will arrive in reference lab within 48 hours, or specimen will be rejected | More than 48 hours old upon arrival at reference lab specimen refrigerated or frozen, clotted, or hemolyzed | LabCorp | 008144 | 7 days |
| T3 TOTAL | 1 ml serum | Refrigerate | | | | LabCorp | 505008 | 7 days |
| T3U | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| T ₄ | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| T4 FREE | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| TACROLIMUS FK 506 | 1 ml EDTA whole blood | Refrigerate | | | | NNRH | | 3 hours |
| TCA CONFIRMATION, URINE | 20 ml random urine | Refrigerate | | | | LabCorp | 739070 | 7 days |
| TESTOSTERONE FREE & TOTAL | 2 ml serum | Refrigerate | | | | LabCorp | 140103 | 7 days |
| TESTOSTERONE TOTAL | 1 ml serum or heparinized plasma | | | | | NNRH | | 1 day |
| THRYOGLOBULIN AND TG ANTIBODY | 3 ml serum, separated into two 1.5 ml aliquots | Refrigerate | | Submit divided into two tubes | | LabCorp | 042060 | 7 days |
| THEOPHYLLINE | 1 ml serum or heparinized plasma | Refrigerate | | Draw 2 hours after plain tablet, 4 hours after extended-release | | NNRH | | 2 hours |
| THROAT CULTURE | Throat swab on microbiology culturette | Room temperature for 24 hours | | | | NNRH | | 2 days |

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| THROMBIN | 2 ml citrate plasma (blue top coagulation tube) | Frozen | | Centrifuge 10 minutes, remove 2/3 of plasma to a fresh tube and centrifuge plasma another 10 minutes. Transfer to LabCorp frozen specimen tube. | Not centrifuged properly, not frozen, clotted. | LabCorp | 015230 | 7 days |
| THYROID STIMULATING HORMONE (TSH) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| THYROID STIM IMMIGLOB | 3 ml serum | Refrigerate | | | | LabCorp | 140749 | 7 days |
| TOBRAMYCIN | 1 ml plain red serum | Refrigerate | | Collect trough immediately prior to next dose | No gel or SST tube | LabCorp | 007155 | 7 days |
| PRENATAL INFECTIOUS DISEASE (TORCH) | 1 ml serum | Refrigerate | | | | LabCorp | 038164 | 7 days |
| TOXOPLASMA GONDII AB, IGG, QN | 1 ml serum | Refrigerate | | | | LabCorp | 006478 | 7 days |
| TOXOPLASMA GONDII AB, IGM, QN | 1 ml serum | Refrigerate | | | | LabCorp | 096651 | 7 days |
| TRIGLYCERIDES | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| TROPONIN I | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 1 hour |
| TTG IGA | 1 ml serum | Refrigerate | | | | LabCorp | 164640 | 7 days |
| TTG IGG | 1 ml serum | Refrigerate | | | | LabCorp | 164988 | 7 days |
| TYPE, BLOOD | 6 ml EDTA whole blood (pink top) | Refrigerate | | | | NNRH | | 4 hours |
| URIC ACID | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| URINE CULTURE | Urine in sterile container - indicate whether voided or catheterized | Refrigerate | | | More than 24 hours old | NNRH | | 2 days |
| URINE TP/CREATININE RATIO | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-AMYLASE-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-AMYLASE-RANDOM | 1 ml urine | Refrigerate | | | | NNRH | | 4 hours |

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| URINE-CALCIUM-24HR | 1 ml aliquot from 24-hour urine, with HCL added | Room temperature | | Add 20 ml of 6M HCL to jug before collection. | Not acidified | NNRH | | 4 hours |
| URINE-CALCIUM-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-CHLORIDE-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | No preservative needed | | NNRH | | 4 hours |
| URINE-CHLORIDE-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-CREATININE-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | No preservative needed | | NNRH | | 4 hours |
| URINE-CREATININE-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-DIPSTICK ONLY | 10 ml fresh urine | Refrigerate | | Note whether catheterized or midstream | Older than 24 hours | NNRH | | 2 hours |
| URINE-GLUCOSE-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | No preservative needed | | NNRH | | 4 hours |
| URINE-GLUCOSE-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-MAGNESIUM-24HR | 1 ml aliquot from 24-hour urine, with HCL added | Room temperature | | Add 20 ml of 6M HCL to jug before collection. | Not acidified | NNRH | | 4 hours |
| URINE-MAGNESIUM-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-MICRO ONLY | 10 ml fresh urine | Refrigerate | | Note whether catheterized or midstream | Older than 24 hours | NNRH | | 2 hours |
| URINE-PHOSPHOROUS-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | Add 20 ml of 6M HCL to jug before collection. | | NNRH | | 4 hours |
| URINE-PHOSPHOROUS-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-POTASSIUM-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | Add 10g boric acid to jug prior to collection | | NNRH | | 4 hours |
| URINE-POTASSIUM-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-PROTEIN-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | No preservative needed | | NNRH | | 4 hours |
| URINE-PROTEIN-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |

AVOID HEMOLYSIS ON ANY TEST REQUIRING PLASMA OR SERUM

LABORATORY TEST LIST

| TEST NAME | Sample Requirement | Storage/Transport Temperature | Acceptable alternative specimen | Other requirements | Causes for rejection | | LABCORP TEST CODE | Time to Result for Routine Order |
|--------------------------|--|-------------------------------|---------------------------------|--|--------------------------|---------|-------------------|----------------------------------|
| URINE-ROUTINE ANALYSIS | 10 ml fresh urine | Refrigerate | | Note whether catheterized or midstream | Older than 24 hours | NNRH | | 2 hours |
| URINE-SODIUM-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | Add 10g boric acid to jug prior to collection | | NNRH | | 4 hours |
| URINE-SODIUM-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-UREA-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | No preservative needed | | NNRH | | 4 hours |
| URINE-UREA-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| URINE-URIC ACID-24HR | 1 ml aliquot from 24-hour urine | Refrigerate | | No preservative needed | | NNRH | | 4 hours |
| URINE-URIC ACID-RANDOM | 1 ml random urine | Refrigerate | | | | NNRH | | 4 hours |
| VALPROIC ACID (DEPAKOTE) | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| VANCOMYCIN | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| VARICELLA AB IGG | 1 ml serum | Refrigerate | | | | LabCorp | 096206 | 7 days |
| VARICELLA AB IGM | 1 ml serum | Refrigerate | | | | LabCorp | 096776 | 7 days |
| VASO INTEST PEPTIDE | 2 ml EDTA plasma frozen with Trasylol (Kit available from lab) | Frozen | | No radioactive substances 24 hours prior to test. Consume 300g carbohydrate per day for 3 days, before fasting for 12 hours prior to test. | | LabCorp | 010397 | 7 days |
| VDRL C SPINAL FLUID QUAL | 1 ml Cerebrospinal fluid (CSF) | Refrigerate | | | | LabCorp | 006445 | 7 days |
| VITAMIN A | 1 ml serum | Refrigerate | | Protect from light | Not protected from light | LabCorp | 017509 | 7 days |
| VITAMIN B1- THIAMINE | 1 ml EDTA whole blood | Frozen | | Protect from light | Not protected from light | LabCorp | 121186 | 7 days |
| VITAMIN B-12 | 1 ml serum or heparinized plasma | | | | | NNRH | | 2 hours |
| VITAMIN B6 | 1 ml EDTA plasma | Refrigerate | | Protect from light | Not protected from light | LabCorp | 004655 | 7 days |

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LABORATORY TEST LIST

| TEST NAME | Sample Requirement | Storage/Transport Temperature | Acceptable alternative specimen | Other requirements | Causes for rejection | | LABCORP TEST CODE | Time to Result for Routine Order |
|-----------------------------------|---|-------------------------------|---------------------------------|--|--------------------------|---------|-------------------|----------------------------------|
| VITAMIN D | 1 ml serum or heparinized plasma | Refrigerate | | | | NNRH | | 2 hours |
| VITAMIN D 1 25 DIHY | 1 ml serum | Refrigerate | | | | LabCorp | 081950 | 7 days |
| VITAMIN E | 1 ml serum | Refrigerate | | Protect from light | Not protected from light | LabCorp | 081000 | 7 days |
| VMA URINE | 10 ml random urine | Refrigerate | | | | LabCorp | 123208 | 7 days |
| WEST NILE VIRUS AB | 1 ml serum | Frozen | | | | LabCorp | 138842 | 7 days |
| WET PREP | Specimen on swab, in 2 ml sterile saline | Room temperature | | Must be examined within 1 hour of collection | Older than 1 hour | NNRH | | 1 hour |
| WOUND CULTURE INCLUDING ANAEROBES | Sample on Anaerobic Culturette swab | Room temperature | | | Older than 24 hours | NNRH | | 5 days |
| WOUND CULTURE WITHOUT ANAEROBES | Sample on Aerobic Culturette swab | Room temperature | | | Older than 24 hours | NNRH | | 5 days |
| ZINC BLOOD | 2 ml EDTA plasma from royal blue top tube | Room temperature | | | | LabCorp | 001800 | 7 days |

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