

Medpace Reference Laboratories
Validated Assays June 2026

| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|---|--|-----------------------------|-------------------------|------------------------|-------------------------------------|------------------------------------|---------------------------------------|--|
| Angiotensin-2 | ANG-2 | Auto Immune | EIA | Serum | 1 Week | 1 Week | 12 Months | 12 Months |
| B-cell activating factor | BAFF | Auto Immune | EIA | EDTA Plasma | 1 Day | 1 Day | 3 Months | 22 Months |
| Cyclic AMP | cAMP | Auto Immune | EIA | EDTA Plasma | 7 Days | 2 Days | 3 Months | 12 Months |
| Direct Antiglobulin Test (DAT) | Direct Coombs | Auto Immune | Hemagglutination | EDTA Whole Blood | N/A | 7 days | N/A | N/A |
| Elutions, RBC Antibody | Anti-A, Anti-B, Anti-D Antibody elution screen | Auto Immune | Hemagglutination | EDTA Whole Blood | Not Stable | 7 Days | Not Stable | Not Stable |
| Alkaline Phosphatase, Bone | BAP, BSAP | Bone Marker | CLIA | Serum | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Cartilage Oligomeric Matrix Protein | COMP, Thrombospondin-5 | Bone Marker | EIA | Serum | 8 Days | 2 Weeks | 14 Months | 14 Months |
| N-Telopeptides of Bone Type I Collagen,Cross-linked (Urine) | NTX, Urine | Bone Marker | EIA | Urine | 1 Day | 3 Days | 4 Months | 21 Months |
| Osteopontin | OPN, T lymphocyte activation 1 (Eta-1) | Bone Marker | EIA | EDTA Plasma; Urine | EDTA Plasma: 8 Days; Urine: 4 Hours | EDTA Plasma: 3 Days; Urine: 2 Days | EDTA Plasma: 12 Months; Urine: 2 Days | EDTA Plasma: 12 Months; Urine: 11 Months |
| Tartrate-resistant acid phosphatase isoform 5b | TRAP5b, TRACP5b | Bone Marker | EIA | Serum | 1 Day | 3 Days | 1 Month | 12 Months |
| Telopeptide C Terminal, Type 1 Collagen (Urine) | CTX-1 Urine, Beta Crosslaps | Bone Marker | EIA | Urine | 9 Days | 7 Weeks | 2 Months | 1 Year |
| Angiotensin-1 | ANG-1 | Cardiovascular | EIA | Serum | 1 Week | 1 Week | 3 Months | 12 Months |
| Angiotensin-Like 3 | ANGPTL3 | Cardiovascular | EIA | EDTA Plasma; Serum | Not Stable | 1 Week | 10 Months | 26 Months |
| Angiotensin-like 4 | ANGPTL-4 | Cardiovascular | EIA | Serum | 1 Week | 2 Weeks | 5 Months | 12 Months |
| B type Natriuretic Peptide (BNP) | BNP | Cardiovascular | ECLIA | EDTA Plasma | 1 Day | Not Acceptable | 9 Months | 9 Months |
| Creatine Kinase MB Isoenzyme | CK-MB | Cardiovascular | ECLIA | EDTA Plasma; Serum | 4 Hours | 2 Weeks | 3 Months | 3 Months |
| Endothelin 1 | ET-1 | Cardiovascular | EIA | Serum | 24 Hours | 2 Weeks | 12 Months | 68 Months |
| Endothelin 1 (Urine) | | Cardiovascular | EIA | Urine | Not Stable | 2 Weeks | 12 Months | 68 Months |
| Homocysteine | | Cardiovascular | Enzymatic | Serum | 2 Weeks | 3 Weeks | 2 Years | 2 Years |
| Lactate Dehydrogenase Isoenzyme | LDH Isoenzyme | Cardiovascular | Electrophoresis | Serum | 9 Days | 3 Days | N/A | N/A |
| Matrix metalloproteinase-7 | MMP-7 | Cardiovascular | EIA | Serum | 1 Week | 1 Week | 2 Months (Ongoing) | 2 Months (Ongoing) |
| Monocyte Chemoattractant Protein-1 (Blood) | CCL2, MCP-1 | Cardiovascular | EIA | EDTA Plasma; Serum | 2 Weeks | 2 Weeks | 14.5 Months | 14.5 Months |
| Monocyte Chemoattractant Protein-1 (Urine) | CCL2, MCP-1 | Cardiovascular | EIA | Urine | 2 Weeks | 2 Weeks | 17 Months | 17 Months |
| Myeloperoxidase (MPO) | MPO | Cardiovascular | EIA | EDTA Plasma | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Myoglobin | MYO | Cardiovascular | ECLIA | Serum | 1 Week | 1 Month | 11 Months | 11 Months |
| Myoglobin (Urine) | MYO | Cardiovascular | ECLIA | Urine | Not Stable | 1 Week | 10 Months | 10 Months |
| Paraoxonase PON1 | PON1 | Cardiovascular | Kinetic | Serum | 1 Week | 2 Weeks | 2 Months | 2 Months |
| Pentraxin 3 | PTX3 | Cardiovascular | EIA | EDTA Plasma; Serum | 4 Hours | Not Stable | 12 Months | 12 Months |
| Platelet-Derived Growth Factor AB | PDGF-AB | Cardiovascular | EIA | Serum | 2 Days | 1 Week | 6 Months | 13 Months |
| Pro BNP | NT-Pro BNP | Cardiovascular | ECLIA | Serum | 8 Days | 3 Weeks | 2 Years | 2 Years |
| Pro-ANP (Atrial Natriuretic peptide, Amino-Terminal) | NT-ProANP | Cardiovascular | EIA | Serum | 3 Days | 3 Days | 13 Months | 13 Months |
| Resistin | Adipose tissue-specific secretory factor | Cardiovascular | Immunofluorescence | Serum | Not Stable | 7 Days | 19 Months | 19 Months |
| Secreted phospholipase A2 mass | sPLA2 Mass | Cardiovascular | EIA | EDTA Plasma; Serum | 2 Days | 1 Week | 12 Months | 12 Months |
| Tissue Plasminogen Activator | tPA | Cardiovascular | EIA | EDTA Plasma | 1 Day | Not Stable | 6 Months | 12 Months |
| Troponin I | TNI | Cardiovascular | ECLIA | EDTA Plasma; Serum | Not Stable | Not Stable | 6 Months | 6 Months |
| Troponin I, High Sensitivity | TNIH, hsTnI | Cardiovascular | Immunochemiluminescence | Serum | 8 Hours | 3 Days | 40 Days | 2 Years |
| Troponin T, High Sensitivity | hs TNT | Cardiovascular | ECLIA | K2 EDTA Plasma; Serum | 8 Days | 3 Weeks | 1 Year | 2 Years |
| Hemoglobin, Free Plasma | Plasma Hb, Plasma Hgb | Chemistry | Colorimetry | Lithium Heparin Plasma | 1 Week | 3 Weeks | 3 Months (ongoing) | 3 Months (ongoing) |
| Activated Protein C Resistance V | APCRV | Coagulation | Clot Detection | Na Citrate Plasma | Not Stable | Not Stable | Not Stable | 3 Years |
| Antithrombin Activity | AT3 | Coagulation | Chromogenic | Na Citrate Plasma | 1 Week | 2 Weeks | 12 Months | 12 Months |
| D Dimer | | Coagulation | Immunoturbidity | 3.2% Na Citrate Plasma | 4 Hours | 2 Days | 3 Months | 25 Months |
| Ecarin Clotting Time | ECT | Coagulation | Coagulation | 3.2% Na Citrate Plasma | 1 Day | 1 Week | 7 Months | 7 Months |
| Edoxaban Anti Xa | | Coagulation | Chromogenic | 3.2% Na Citrate Plasma | 6 Hours | N/A | N/A | 24 Months |
| Factor IIa, Anti | Anti FIIa | Coagulation | Chromogenic | 3.2% Na Citrate Plasma | 6 Days | 6 Days | 8 Days | 8 Days |
| Factor III | Tissue Factor, TF | Coagulation | EIA | EDTA Plasma | 1 Week | 2 Weeks | 3 Month (Ongoing) | 3 Month (Ongoing) |
| Factor IX Activity, One Stage | FIX 1S | Coagulation | Clot Detection | Na Citrate Plasma | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Factor IX Activity, Two Stage | FIX Activity Chromogenic | Coagulation | Chromogenic | Na Citrate Plasma | 1 Week | 1 Week | 6 Months | 4 Months |
| Factor IX Antigen | FIX, Factor IX antigen, FIX Ag | Coagulation | EIA | Citrate Plasma | N/A | 2 Weeks | 1 Month | 12 Months |
| Factor IX Inhibitor | FIX Inhibitor | Coagulation | Chromogenic | Na Citrate Plasma | 4 Hours | 4 Hours | N/A | 25 Months |
| Factor VII Activity | | Coagulation | Coagulation | 3.2% Na Citrate Plasma | 5 Days | 5 Days | 12 Months | 12 Months |
| Factor VIII Activity, Biophen | FVIII:C | Coagulation | Chromogenic | Citrate Plasma | Not Stable | Not Stable | 1 Month | 12 Months |
| Factor VIII Antigen | FVIII:Ag | Coagulation | EIA | Na Citrate Plasma | 3 Days | 2 Weeks | 10 Months | 19 Months |
| Factor VIII Inhibitors | | Coagulation | Chromogenic | 3.2% Na Citrate Plasma | 4 Hours | 4 Hours | N/A | 25 Months |
| Factor VIII One Stage | FVIII 1S | Coagulation | Clot Detection | Na Citrate Plasma | 4 Hours | 4 Hours | 1 Month | 12 Months |
| Factor X Antigen | FX | Coagulation | EIA | Citrate Plasma | N/A | 2 Weeks | 2 Weeks | 4 Years and 8 Months |
| Factor Xa, Activity | Fxa | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 1 Day | 1 Day | 3 Months | 12 Months |

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| Factor Xa, Anti (Low molecular weight heparin Anti Xa) | LMWH Anti-Xa | Coagulation | Colorimetry | Citrate Plasma | 2 Hours | 24 Hours | 8 Days | 12 Months |
| Factor XIII, Activity | FXIII, transglutaminase, fibrin stabilizing factor | Coagulation | Spectrophotometry | Na Citrate Plasma | Not Stable | 2 Weeks | 9 Months | 25 Months |
| Fibrin Degradation Products | Fibrin Split Products, FDP, FSP | Coagulation | Hemagglutination | Na Citrate Plasma | 8 Hours | 3 Days | 12 Months | 12 Months |
| Fibrinogen | | Coagulation | Nephelometry | EDTA Plasma | 1 Week | 1 Month | 1 Year | N/A |
| Fibrinogen, Clauss | | Coagulation | Clot Detection | Citrate Plasma | 1 Week | 3 Weeks | 12 Months | 25 Months |
| Heparin, Unfractionated | Anti Factor Xa Activity | Coagulation | Photometric | 3.2% Na Citrate Plasma | 1 Day | 2 Hours | 8 Days | 1 Month |
| Matrix Metalloproteinase 2 | MMP-2 | Coagulation | EIA | Serum | 4 Days | 4 Weeks | 8 Months | 12 Months |
| Partial Thromboplastin Time, Activated | APTT | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 1 Day | 2 Days | 6 Months | 25 Months |
| Plasminogen Activator Inhibitor, Type 1 Activity | PAI-1 Activity, PAI-1 | Coagulation | Chromogenic | Citrate Plasma | 2 Hours | 4 Hours | 2 Weeks | 24 Months |
| Plasminogen Activator Inhibitor, Type 1 Antigen | PAI-1 Antigen, PAI-1 | Coagulation | EIA | Citrate Plasma, EDTA Plasma | 4 Hours | 4 Hours | 18 Months | 20 Months |
| Plasminogen Activity | | Coagulation | Colorimetry | 3.2% Na Citrate Plasma | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Protein C, Functional | Activated Protein C | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 7 Days | 3 Days | 10 Months (Ongoing) | 18 Months |
| Prothrombin Fragments 1&2 | | Coagulation | EIA | Na Citrate Plasma | 4 Hours | 8 Hours | 6 Weeks | 23 Months |
| Prothrombin Time | PT | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 2 Days | 1 Week | 1 Month | 25 Months |
| Prothrombin Time, Dilute | dPT | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 48 Hours | 1 Week | 1 Month | 12 Months |
| Prothrombin Time, International Normalized Ratio | INR | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 2 Days | 1 Week | 1 Month | 25 Months |
| Russell's Viper Venom | Dilute Russell's Viper Venom Test, dRVVT | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 4 Hours | N/A | 1 Month | N/A |
| Thrombin Activatable Fibrinolysis Inhibitor | TAFI | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | Not Stable | 2 Weeks | 5 Months | 5 Months |
| Thrombin Activatable Fibrinolysis Inhibitor | TAFI Activity | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 4 Hours | 6 Days | 2 Months | 12 Months |
| Thrombin Generation Assay - PPP Low (Legacy) | TGA - PPP Low, Modified TGA | Coagulation | Fluorescence | 3.2% Na Citrate Plasma | Not Stable | 2 Days | 12 Months | 12 Months |
| Thrombin Generation Assay - PPP Low (Preferred) | TGA-PPP Low, Modified TGA | Coagulation | Fluorescence | Citrate Plasma | 4 Hours | N/A | 3 Months | 7 Months |
| Thrombin Generation Assay (Preferred) | TGA, CAT | Coagulation | Fluorescence | Citrate Plasma | 4 Hours | N/A | 3 Months | 7 Months |
| Thrombin Generation Assay (Thermo) (Legacy) | TGA, CAT | Coagulation | Fluorescence | Citrate Plasma | N/A | 2 Days | 12 Months | 23 Months |
| Thrombin Time | TT, Thrombin Clotting Time, TCT | Coagulation | Clot Detection | 3.2% Na Citrate Plasma | 3 Days | 1 Week | 9 Months | 12 Months |
| Thrombomodulin | Soluble Thrombomodulin, BDCA-3 | Coagulation | EIA | Serum | 2 Weeks | 2 Weeks | 3 Months | 12 Months |
| Thromboxane, B2 | | Coagulation | EIA | Serum | 1 Day | 2 Weeks | 6 Months | 6 Months |
| Von Willebrand Factor Antigen | vWF:Ag | Coagulation | Immunoassay | Citrate Plasma | 1 Week | 3 Weeks | 12 Months | 25 Months |
| DNA A260/230 | | DNA | DNA Extraction | EDTA Whole Blood | 2 Days | 28 Days | 1 Year | 2 Years |
| DNA A260/280 | | DNA | DNA Extraction | EDTA Whole Blood | 2 Days | 28 Days | 1 Year | 2 Years |
| DNA Concentration - Automated | | DNA | DNA Extraction | EDTA Whole Blood | 48 Hours | 28 Days | 1 Year | 2 Years |
| DNA Concentration - Manual | | DNA | DNA Extraction | EDTA Whole Blood | 2 Days | 28 Days | 1 Year | 2 Years |
| DNA Extraction, Cell-free | | DNA | DNA Extraction | EDTA Whole Blood | 14 Days | 28 Days | 1 Year | 2 Years |
| DNA Purity - Automated | | DNA | DNA Extraction | EDTA Whole Blood | N/A | 28 Days | 1 Year | 2 Years |
| DNA Yield - Automated | | DNA | DNA Extraction | EDTA Whole Blood | N/A | 28 Days | 1 Year | 2 Years |
| DNA Yield - Manual | | DNA | DNA Extraction | EDTA Whole Blood | 2 Days | 28 Days | 1 Year | 2 Years |
| Factor V Leiden R506Q Mutation | | DNA | qPCR | DNA, Extracted | N/A | 1 year | 16 years | 16 years |
| Acetaminophen | | Drug | Immunoassay | Serum | 24 Hours | 7 Days | 6 Months | N/A |
| Drug Screen, Amphetamine and Methamphetamine | AMP, m-AMP | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Barbituates | BAR | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Benzodiazepine | BZO | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Buprenorphine | | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Cocaine | COC | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Ecstasy | MDMA | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Ethyl Alcohol (Serum) | Ethanol | Drug | Enzymatic | Serum | 1 week | 3 Weeks | 5 Months | at least 6 Months |
| Drug Screen, Ethyl Alcohol (Urine) | urine alcohol | Drug | Enzymatic | Urine | 2 days | 1 Week | 1 Week | at least 6 Months |
| Drug Screen, Fentanyl | | Drug | Immunoassay | Urine | Not Stable | 7 Days | 6 Months | 6 Months |
| Drug Screen, Methadone | MTD | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Methaqualone | | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Opiates | OPI | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Oxycodone | | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Phencyclidine | PCP | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, Propoxyphene | PPX | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, TCA | TCA | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Drug Screen, THC | THC; THC-OH; Marijuana | Drug | Immunoassay | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Aldosterone | | Endocrinology | CLIA | EDTA plasma; Serum | Serum: 1 Day EDTA Plasma: 3 Days | Serum: 2 Weeks EDTA Plasma: 4 Days | Serum: 12 Months EDTA Plasma: 11 Months | Serum: 12 Months EDTA Plasma: 11 Months |

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|------------------------------------|---|-----------------------------|--------------------------|---|------------------------------------|-------------------------------------|--------------------|--------------------|
| Aldosterone (Urine) | | Endocrinology | CLIA | Urine | 1 Week | 2 Weeks | 11 Months | 6 Months |
| Angiotensinogen (Plasma) | AGT plasma | Endocrinology | EIA | EDTA Plasma | 24 Days | 24 Days | 12 Months | 12 Months |
| Angiotensinogen (Urine) | AGT | Endocrinology | EIA | Urine | Not stable | 24 hours | Not stable | 11 Months |
| Growth Hormone | GH | Endocrinology | Immunochemiluminiscence | Serum | 1 Week | 2 Weeks | 5 Months | 5 Months |
| Inhibin B | | Endocrinology | EIA | Serum | 2 Weeks | 2 Weeks | 12 Months | 12 Months |
| Insulin Growth Factor - 1 | IGF-1 | Endocrinology | Immunochemiluminiscence | Serum | 2 Weeks | 2 Weeks | 12 Months | 12 Months |
| 1,5 Anhydroglucitol | Glycomark | Endocrinology and Diabetes | Enzymatic | Serum | 7 Days | 7 Days | 36 Months | 12 Months |
| Adiponectin | | Endocrinology and Diabetes | EIA | EDTA Plasma; Serum | 4 Days | 1 Week | 18 Months | 18 Months |
| Adiponectin, High Molecular Weight | HMW Adiponectin | Endocrinology and Diabetes | EIA | EDTA Plasma; Serum | Serum: 1 Week; EDTA Plasma: 3 Days | Serum: 3 Weeks; EDTA Plasma: 1 Week | 31 Months | 31 Months |
| Adrenocorticotrophic Hormone | ACTH | Endocrinology and Diabetes | ECLIA | EDTA Plasma | 2 Hours | 4 Hours | 4 Weeks | 2 Years |
| Albumin, Glycated | | Endocrinology and Diabetes | Photometric | Serum | 1 Week | 2 Weeks | 2 Months | 9 Months |
| Beta Hydroxybutyrate | RANBUT | Endocrinology and Diabetes | Turbidity | Serum | 1 Week | 1 Week | 4 Months | 4 Months |
| C Peptide | | Endocrinology and Diabetes | ECLIA | EDTA Plasma; Serum | 2 Days | 10 Days | 7 Months | 7 Months |
| Calcitonin | | Endocrinology and Diabetes | ECLIA | EDTA Plasma; Serum | 4 Hours | 1 Day | 1 Year | 1 Year |
| Chorionic Gonadotrophin | BHCG, Beta HCG, HCG, Pregnancy Test | Endocrinology and Diabetes | ECLIA | Citrate Plasma; EDTA Plasma; Fluoride Plasma; Heparin Plasma; Serum | 3 Days | 3 Days | 1 Year | 1 Year |
| Cortisol (Blood) | | Endocrinology and Diabetes | ECLIA | EDTA Plasma; Serum | 2 Weeks | 2 Weeks | 3 Months | 2 Years |
| Cortisol (Urine) | | Endocrinology and Diabetes | ECLIA | Urine | 7 Days | 2 Weeks | 11 Months | 12 Months |
| Cortisol, (Saliva) | | Endocrinology and Diabetes | ECLIA | Saliva | 2 Weeks | 2 Weeks | 1 Year | 1 Year |
| Cortisol-Binding Globulin | CBG | Endocrinology and Diabetes | EIA | EDTA Plasma | 7 Days | Not Stable | 17 Months | 17 Months |
| Dehydroepiandrosterone Sulfate | DHEA-SO4 | Endocrinology and Diabetes | ECLIA | Serum | 2 Days | 1 Week | 2 Months | 2 Months |
| Erythropoietin | EPO | Endocrinology and Diabetes | EIA | Serum | 1 Week | 2 Weeks | 1 Year | 5 Years |
| Estradiol | E2 | Endocrinology and Diabetes | ECLIA | Serum | 1 Week | 1 Week | 3 Months | 2 Years |
| Folicle Stimulating Hormone | FSH | Endocrinology and Diabetes | ECLIA | Serum | 2 Weeks | 2 Weeks | 3 Months | 2 Years |
| Fructosamine | | Endocrinology and Diabetes | Colorimetry | Serum | 2 Weeks | 2 Weeks | 7 Months | N/A |
| Gastric Inhibitory Polypeptide | Glucose-dependent Insulinotropic Polypeptide, GIP | Endocrinology and Diabetes | EIA | EDTA P800 Tube | 8 Days | 8 Days | 7 Months | 13 Months |
| Ghrelin (Total) | | Endocrinology and Diabetes | EIA | EDTA P800 Tube | 1 Day | 8 Days | 288 Days | 288 Days |
| Glucagon Like Peptide - 1, Total | GLP-1 Total | Endocrinology and Diabetes | EIA | EDTA P800 Tube | 1 Week | 1 Month | 11 Months | 11 Months |
| Glucagon, Mercodia | Glucagon | Endocrinology and Diabetes | EIA | EDTA P800 Tube | 1 Day | 7 Days | 9 Months (ongoing) | 9 Months (ongoing) |
| Glucagon, R&D | | Endocrinology and Diabetes | EIA | EDTA P800 Tube | 3 Days | 2 Weeks | 1 Year | 1 Year |
| Hemoglobin A1c | HBA1c | Endocrinology and Diabetes | HPLC | Blood | 1 Week | 2 Months | 10 Days | 1 Year |
| Insulin | | Endocrinology and Diabetes | ECLIA / Fluorimmunoassay | EDTA Plasma; Lithium Heparin Plasma; Serum | 1 Day | 3 Weeks | 6 Months | 6 Months |
| Leptin | | Endocrinology and Diabetes | EIA | Citrate Plasma; EDTA Plasma; Heparin Plasma; Serum | 1 Week | 3 Weeks | 14 Months | 14 Months |
| Luteinizing Hormone | LH | Endocrinology and Diabetes | ECLIA | Serum | 2 Weeks | 2 Weeks | 6 Months | 2 Years |
| Oxyntomodulin | OXM | Endocrinology and Diabetes | EIA | EDTA Plasma | 1 Week | 1 Week | 12 Months | 12 Months |
| Peptide YY | PYY | Endocrinology and Diabetes | EIA | EDTA P700 Tube; EDTA P800 Tube | 1 Week | 1 Month | 1 Year | 1 Year |
| Progesterone | | Endocrinology and Diabetes | ECLIA | Serum | 1 Day | 5 Days | 6 Months | 6 Months |
| Proinsulin | | Endocrinology and Diabetes | EIA | EDTA Plasma; Heparin Plasma; Serum | 1 Week | 2 Weeks | 16 Months | 16 Months |
| Prolactin | | Endocrinology and Diabetes | ECLIA | Serum | 1 Day | 2 Weeks | 6 Months | 6 Months |
| Retinol Binding Protein 4 (Blood) | RBP4 | Endocrinology and Diabetes | EIA | Serum | 1 Week | 2 Weeks | 1 Year | 6 Years |
| Retinol Binding Protein 4 (Urine) | RBP4 | Endocrinology and Diabetes | EIA | Urine | 1 Day | 2 Days | 1 Month | 1 Month |
| Sex Hormone Binding Globulin | SHBG | Endocrinology and Diabetes | ECLIA | Serum | 1 Week | 2 Weeks | 2 Years | 2 Years |
| Testosterone, Total | | Endocrinology and Diabetes | ECLIA | Serum | 2 Days | 1 Week | 6 Months | 2 Years |
| Thyroid Peroxidase Antibody | Anti-TPO, TPOAb | Endocrinology and Diabetes | ECLIA | Serum | Not Stable | 17 Days | 17 Days | 17 Days |
| Thyroid Stimulating Hormone | TSH | Endocrinology and Diabetes | ECLIA | Serum | 1 Week | 1 Month | 1 Year | 1 Year |
| Thyroxine, Free | FT4 | Endocrinology and Diabetes | ECLIA | Serum | 1 Week | 1 Week | 1 Month | 3 Months |
| Thyroxine, Total | T4 | Endocrinology and Diabetes | ECLIA | Serum | 1 Month | 2 Months | 12 Months | 6 Months |
| Triiodothyronine, Free T3 | Free T3 | Endocrinology and Diabetes | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 1 Year |
| Triiodothyronine, T3 | T3 | Endocrinology and Diabetes | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 1 Year |

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|---|---|-----------------------------|-------------------------|---|---|---|-------------------|----------------------------|
| Flow Cytometry, 26C IPT | CD197(CCR7), CD20, IgM, CD3, CD16, CD28, CD38, CD56 (NCAM), CD279 (PD-1), CD45RA, CD14, CD4, CD8, TCR g/d, IgD, CD141 (Thrombomodulin), CD25, CD11c, HLA-DR, CD127 (IL7Ra), CD1c, CD19, CD126, CD45, CD27, Viability ; 26C_IPT_Cryo | Flow Cytometry | Flow Cytometry | PBMC | 24 Hours | 24 Hours | | |
| Flow Cytometry, CD16/56 | CD16/56 | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, CD19 | CD19 | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, CD3 | CD3 | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, CD4 | CD4 | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, CD4/CD8 Ratio | CD4/CD8/TBnk | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, CD45 | CD45 | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, CD4CD8 | RTG_CD4CD8_cPBMC, CD4, CD45, PD-1, Ki67, CD8, CD45RA, NKG2D, CD45RO, CD3 | Flow Cytometry | Flow Cytometry | PBMC | 24 Hours | 24 Hours | N/A | Liquid Nitrogen - 3 Months |
| Flow Cytometry, CD8 | CD8 | Flow Cytometry | Flow Cytometry | EDTA Whole Blood; Sodium Heparin Whole Blood; Streck Cytochex | Whole Blood: 1 Day, Streck Cytochex Blood Collection Tubes: 14 Days | Whole Blood: 2 Days Streck Cytochex Blood Collection Tubes: 14 Days | Not Stable | Not Stable |
| Flow Cytometry, DC Panel | CD3, CD11c, HLA-DR, CD123, CD1c, XCR1, CD172a, CD303, CD141, Zombie Aqua | Flow Cytometry | Flow Cytometry | PBMC | Whole Blood: 1 Day | N/A | N/A | Liquid Nitrogen - 3 Months |
| Flow Cytometry, Enumeration of Erythrocytes | Type I and Type III Erythrocytes | Flow Cytometry | Flow Cytometry | EDTA Whole Blood | Not Stable | 54 Hours | Not Stable | Not Stable |
| Flow Cytometry, Enumeration of PNH Granulocytes & Monocytes | Type II and Type III Granulocytes and Monocytes | Flow Cytometry | Flow Cytometry | EDTA Whole Blood | Not Stable | 54 Hours | Not Stable | Not Stable |
| Flow Cytometry, Monocyte Panel | CD14, CD16, CD45, CD64, CD163, CD172a, HLA-DR, Zombie Aqua | Flow Cytometry | Flow Cytometry | PBMC | Whole Blood: 1 Day | N/A | N/A | TBD |
| Flow Cytometry, NK Panel | CD4, CD25, FoxP3, Ki67, CD45, CD16, NKG2D, CD56, CD3, Zombie Aqua | Flow Cytometry | Flow Cytometry | PBMC | Whole Blood: 1 Day | Whole Blood: 1 Day | N/A | Liquid Nitrogen - 3 Months |
| Flow Cytometry, T Cell Panel (PBMC) | CD4, TIM-3, PD-1, LAG-3, CD8, CD25, CD127, HLA-DR, CD3 | Flow Cytometry | Flow Cytometry | PBMC | Whole Blood: 2 Days | N/A | N/A | Liquid Nitrogen - 6 Months |
| Flow Cytometry, T Cell Panel (Whole Blood) | CD4, TIM-3, PD-1, LAG-3, CD8, CD25, CD127, HLA-DR, CD3 | Flow Cytometry | Flow Cytometry | K2 EDTA Whole Blood | 72 hours | 96 hours | N/A | N/A |
| Calprotectin, Fecal | | Gastrointestinal | CLIA | Feces | N/A | 3 Days | 4 Months | 4 Months |
| Gastrin | | Gastrointestinal | Immunochemiluminiscence | Serum | | | | |
| Thrombin-Antithrombin III Complex | TAT | Gastrointestinal | EIA | Na Citrate Plasma | 4 Hours | 4 Hours | 1 Month | 12 Months |
| Blood Smear Evaluation | Peripheral Blood Smear | Hematology | Manual | Blood Smear | N/A | N/A | Do not freeze | Do not freeze |
| CBC | Complete Blood Count | Hematology | | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Hematocrit | HCT | Hematology | Instrument Calculated | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Hemoglobin | HB, HGB | Hematology | Photometric | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Mean Corpuscular Hgb | MCH | Hematology | Instrument Calculated | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Mean Corpuscular Hgb Concentration | MCHC | Hematology | Instrument Calculated | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|--|-----------------------|-----------------------------|----------------------|---|---------------------|-------------------|-------------------|-------------------|
| CBC, Mean Corpuscular Volume | MCV | Hematology | Electronic Impedance | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Mean Platelet Volume | MPV | Hematology | Electronic Impedance | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Platelet Count | PLT | Hematology | Electronic Impedance | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, RBC Count | RBC | Hematology | Electronic Impedance | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, Red Cell Distribution Width | RDW | Hematology | Electronic Impedance | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| CBC, WBC Count | WBC | Hematology | Electronic Impedance | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| Hemoglobin A (Electrophoresis) | Hemoglobin A | Hematology | Electrophoresis | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin A2 | HbA2 | Hematology | HPLC | EDTA Whole Blood | 48 Hours | 7 Days | Not Stable | 7 Days |
| Hemoglobin A2 (Electrophoresis) | Hb A2 | Hematology | Electrophoresis | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin C (Electrophoresis) | Hb C Electrophoresis | Hematology | Electronic Impedance | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin D (Electrophoresis) | HbD Electrophoresis | Hematology | Electronic Impedance | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin E (Electrophoresis) | HbE Electrophoresis | Hematology | Electrophoresis | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin F | Fetal Hemoglobin, HbF | Hematology | HPLC | EDTA Whole Blood | 48 Hours | 7 Days | Not Stable | 7 Days |
| Hemoglobin F (Electrophoresis) | HbF Electrophoresis | Hematology | Electrophoresis | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin S | HbS | Hematology | HPLC | EDTA Whole Blood | 48 Hours | 7 Days | Not Stable | 7 Days |
| Hemoglobin S (Electrophoresis) | Hb S Electrophoresis | Hematology | Electrophoresis | EDTA Whole Blood | 0 Days | 7 Days | 0 Days | 3 Months |
| Hemoglobin, Free Plasma | Plasma Hb, Plasma Hgb | Hematology | Spectrophotometry | EDTA Plasma | 1 Week | 3 Weeks | 12 Months | 12 Months |
| Reticulocyte Count | Retic | Hematology | VCS | EDTA Whole Blood | 72 Hours | 96 Hours | Do not freeze | Do not freeze |
| Reticulocyte Count, Absolute | Retics Abs | Hematology | Calculation | EDTA Whole Blood | 72 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Basophils | | Hematology | VCS | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Eosinophils | | Hematology | VCS | EDTA Whole Blood | 48 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Lymphocytes | | Hematology | VCS | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Monocytes | | Hematology | VCS | EDTA Whole Blood | 72 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Neutrophils, Bands | Bands | Hematology | Manual | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Neutrophils, Segmented | Segs | Hematology | VCS | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| WBC Differential, Neutrophils, Total | | Hematology | VCS | EDTA Whole Blood | 96 Hours | 96 Hours | Do not freeze | Do not freeze |
| Histology Stain, CD19 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, CD20 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, CD3 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, CD4 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, CD68 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, CD8 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Estrogen Receptor | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, FoxP3 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Hematoxylin and Eosin | H&E Stain | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, HER2 4B5 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Ki67 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, LAG-3 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Mesothelin (SP74) | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|--|--|-----------------------------|-----------------------|---|--|--|---|---|
| Histology Stain, PD-L1 22C3 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, PD-L1 28-8 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, PD-L1 SP263 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Progesterone Receptor | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Reticulin | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, TIM-3 | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology Stain, Trichrome | | Histology | | Formalin Fixed Paraffin Embedded Tissue;#Unstained Tissue Slide | 10+ Years | N/A | N/A | N/A |
| Histology, Formalin Fixed Paraffin Embedded Tissue Processing | FFPE | Histology | | Fresh Tissue | 10+ Years | N/A | N/A | N/A |
| Adenovirus (QIAstat-Dx) | ADV, QIAstat-Dx Respiratory Panel, Qualitative | Infectious Disease | RT-PCR | Swab | 4 Hours | 3 Days | 14 Days | N/A |
| Adenovirus DNA | Adv, Adv Viral Load, Adv PCR | Infectious Disease | PCR | EDTA Plasma; Urine, Feces, Swab | Plasma, Urine, Swab : 2 Days; Feces : 7 days | Plasma, Urine, Swab : 7 Days; Feces : 14 days | Plasma, Urine, Feces : 6 months; Swab : Ongoing | Plasma, Urine, Feces : 6 months; Swab : 1 Year |
| BK Virus DNA | BKV | Infectious Disease | PCR | EDTA Plasma | 2 Days | 7 Days | 23 Months | 23 Months |
| BK Virus Genotyping | BKV genotyping | Infectious Disease | Sanger DNA Sequencing | EDTA Plasma | N/A | N/A | 6 Months | 6 Months |
| BK Virus Resistance Genotyping by Sanger Sequencing | BKV Resist DNA | Infectious Disease | Sanger DNA Sequencing | EDTA Plasma | N/A | N/A | 6 Months | 6 Months |
| Bordetella pertussis (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| C. difficile Quik Chek | | Infectious Disease | | Feces | 8 Hours | 72 Hours | 30 Days | 30 Days |
| Campylobacter Quik Chek | | Infectious Disease | | Feces | 96 Hours | 96 Hours | | |
| Chlamydia pneumoniae (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Coronavirus 229E (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Coronavirus HKU1 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Coronavirus NL63 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Coronavirus OC43 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| COVID-19 (Qualitative) | SARS-CoV-2 | Infectious Disease | RT-PCR | NP/OP Swab, Saliva, Sputum, Urine, Plasma, Pleural Fluid | Not Stable | 72 Hours | Not Stable | 1 Year |
| COVID-19 S Protein RBD Antibodies | | Infectious Disease | ECLIA | Serum | 3 Days | 7 Days | 3 Months | N/A |
| COVID-19, Antibody IgG | Anti-SARS-CoV-2 IgG | Infectious Disease | ECLIA | Serum | N/A | 4 Days | N/A | N/A |
| COVID-19, Pan-Ig Antibodies | Total SARS-CoV-2 Antibodies | Infectious Disease | ECLIA | Serum | 7 Days | 7 Days | 28 Days | N/A |
| Cytomegalovirus DNA | CMV DNA; CMV Viral Load; CMV PCR | Infectious Disease | PCR | EDTA Plasma; CSF; Stool | Not Acceptable | Not Acceptable | 6 Months | 5 Months (Ongoing) |
| Cytomegalovirus Genes UL54, UL55, and UL97 for Resistance by Sanger Sequencing | CMV Genotyping Resistance | Infectious Disease | Sanger DNA Sequencing | K2 EDTA Plasma | Not Acceptable | Not Acceptable | 6 Months | 6 Months |
| Cytomegalovirus, IgG | CMV IgG | Infectious Disease | ECLIA | Serum | 1 Week | 1 Month | 6 Months | N/A |
| Cytomegalovirus, IgM | CMV IgM | Infectious Disease | ECLIA | Serum | 1 Week | 1 Month | 3 Months | N/A |
| Epstein-Barr Virus DNA | EBV; EBV Viral Load; EBV PCR | Infectious Disease | PCR | EDTA Plasma | Plasma, Urine: 2 Days; Whole blood, PBMC: Not stable | Plasma, Urine: 7 Days; Whole blood, PBMC: Not stable | Plasma, Urine: 12 Months; Whole blood, PBMC: Not stable | Plasma, Urine: 12 Months; Whole blood, PBMC: Not stable |
| Epstein-Barr Virus Early Antigen IgG | EBV Serology Panel | Infectious Disease | ECLIA | Serum | 24 Hours | 7 Days | 6 Months | 6 Months |
| Epstein-Barr Virus Nuclear Antigen IgG | EBV Serology Panel | Infectious Disease | ECLIA | Serum | 24 Hours | 7 Days | 6 Months | 6 Months |
| Epstein-Barr Virus Viral Capsid Antigen-IgG | EBV Serology Panel | Infectious Disease | ECLIA | Serum | 24 Hours | 7 Days | 6 Months | 6 Months |
| Epstein-Barr Virus Viral Capsid Antigen-IgM | EBV Serology Panel | Infectious Disease | ECLIA | Serum | 24 Hours | 7 Days | 6 Months | 6 Months |
| Hepatitis A Virus Antibody, IgM | Anti HAV IgM | Infectious Disease | ECLIA | Serum | 2 Hours | 1 Week | 3 Months | 3 Months |
| Hepatitis A Virus Antibody, Total | Anti HAV | Infectious Disease | ECLIA | Serum | N/A | 1 Week | 3 Months | N/A |
| Hepatitis B core Antibody, IgM | Anti HBc IgM | Infectious Disease | ECLIA | Serum | N/A | 6 Days | 3 Months | N/A |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|--|---|-----------------------------|-------------------------|---|---------------------|-------------------|--------------------|--------------------|
| Hepatitis B core Antibody, Total | Anti Hbc Total | Infectious Disease | ECLIA | Serum | 7 Days | 14 Days | 3 Months | N/A |
| Hepatitis B DNA | HBV DNA | Infectious Disease | RT-PCR | EDTA Plasma; Serum | 1 Day | 3 Days | 1 Year | 1 Year |
| Hepatitis B Envelope Antibody | Anti Hbe | Infectious Disease | ECLIA | Serum | N/A | 5 Days | 3 Months | N/A |
| Hepatitis B Envelope Antigen (Qualitative) | HBeAg | Infectious Disease | ECLIA | Serum | N/A | 7 Days | 3 Months | 3 Months |
| Hepatitis B Envelope Antigen (Quantitative) | HBeAg | Infectious Disease | ECLIA | Serum | N/A | 7 Days | 3 Months | 3 Months |
| Hepatitis B Surface Antibody | HBs Ab | Infectious Disease | ECLIA | Serum | 3 Days | 6 Days | 3 Months | N/A |
| Hepatitis B Surface Antigen (Qualitative) | HBs Ag | Infectious Disease | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 1 Year |
| Hepatitis B Surface Antigen Confirmatory (Qualitative) | HBs Ag Confirmatory | Infectious Disease | ECLIA | Serum | 1 Week | 1 Week | 3 Months | 3 Months |
| Hepatitis B Virus Genotyping | | Infectious Disease | Sanger DNA Sequencing | K2 EDTA Plasma | | | | |
| Hepatitis C Virus Antibody | Anti HCV | Infectious Disease | ECLIA | Serum | 3 Days | 3 Weeks | 3 Months | 3 Months |
| Hepatitis C Virus RNA Qualitative | HCV RNA Qual | Infectious Disease | RT-PCR | EDTA Plasma; Serum | 1 Day | 3 Days | 2 Months | 2 Months |
| Hepatitis C Virus RNA Quantitative | HCV RNA Quant | Infectious Disease | RT-PCR | EDTA Plasma; Serum | 1 Day | 3 Days | 2 Months | 2 Months |
| Hepatitis E Virus Antibody, IgG | | Infectious Disease | CLIA | Serum | 48 Hours | 48 Hours | 1 Year | 1 Year |
| Hepatitis E Virus Antibody, IgM | | Infectious Disease | CLIA | Serum | 48 Hours | 48 Hours | 3 weeks | 3 Weeks |
| Hepatitis E Virus RNA | Hepatitis E Viral Load | Infectious Disease | qPCR | Serum | 24 Hours | 1 Week | 1 Year | 1 Year |
| Hepcidin | | Infectious Disease | EIA | Serum | 1 Day | 1 month | 11 Months | 11 Months |
| Human Herpesvirus 6 DNA | HHV6, HHV6 Viral Load, HHV-6 PCR | Infectious Disease | PCR | EDTA Plasma; Urine; CSF | 2 Days | 7 Days | 6 Months | 6 Months |
| Human Immunodeficiency Virus 1 &2 p24 | HIV p24 | Infectious Disease | ECLIA | Serum | 7 Days | 4 Weeks | 3 Months | 3 Months |
| Human Immunodeficiency Virus Diff 1 &2 | | Infectious Disease | Immunochromatography | Serum | 2 Days | 7 Days | 3 Months | 3 Months |
| Human Immunodeficiency Virus Type 1 and Type 2 by RT-PCR | HIV 1 and 2 RNA | Infectious Disease | RT-PCR | Serum; EDTA Plasma | 1 Days | 7 Days | 6 Months (Ongoing) | 6 Months (Ongoing) |
| Human Immunodeficiency Virus Type 1 by RT-PCR | HIV-1 by RT-PCR | Infectious Disease | RT-PCR | EDTA Plasma | 48 Hours | 72 Hours | 2 Months (ongoing) | 2 Months (ongoing) |
| Human Metapneumonia Virus, Genotyping | MPV Genotyping | Infectious Disease | Sanger DNA Sequencing | K2 EDTA Plasma; Viral Transport Medium (Swab) | 2 Days | 7 Days | 6 Months | Not Stable |
| Human Metapneumovirus A+B (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Influenza A (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Influenza A H1 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Influenza A H1N1 pdm09 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Influenza A H3 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Influenza B (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| John Cunningham Virus | JCV; JC Virus PCR; JCV Viral Load | Infectious Disease | PCR | EDTA Plasma; Urine | Not Stable | Not Stable | 6 Months (Ongoing) | 6 Months |
| Matrix Metalloproteinase-12 | MMP-12 | Infectious Disease | EIA | Serum | 1 Day | 1 Week | 2 Months | 7 Months |
| Mycoplasma pneumoniae (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Norovirus | Norovirus GI and GII | Infectious Disease | qPCR | Feces | | | | |
| Parainfluenza Virus 1 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Parainfluenza Virus 2 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Parainfluenza Virus 3 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Parainfluenza Virus 4 (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Porphyranase | | Infectious Disease | qPCR | Feces | 1 Week | 1 Week | Not Stable | 14 Days |
| Procalcitonin (PCT) | PCT | Infectious Disease | Immunochemiluminescence | EDTA Plasma; Serum | 24 Hours | 24 Hours | 6 Months | 2 Years |
| QIAstat-Dx RP SARS-CoV-2 Panel Qualitative | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Quantiferon TB Gold Interferon Gamma | QFT | Infectious Disease | EIA | Heparin Plasma | 3 Days | 28 Days | 4 Months | 4 Months |
| Respiratory Syncytial Virus A+B (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Respiratory Syncytial Virus, Genotyping | RSV, Genotyping | Infectious Disease | RT-PCR | K2 EDTA Plasma; Viral Transport Medium (Swab) | 2 Days | 7 Days | 6 Months | Not Stable |
| Rhinovirus/Enterovirus (QIAstat-Dx) | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Rotavirus | | Infectious Disease | qPCR | Feces | | | | |
| SARS-CoV-2 | QIAstat-Dx Respiratory Panel | Infectious Disease | RT-PCR | swab | 4 Hours | 3 Days | 14 Days | N/A |
| Shiga Toxin 2 | Stx2, Shiga toxin 2 (Stx2) producing Escherichia coli (E. coli) | Infectious Disease | PCR | Feces | Not Stable | 1 Week | Not Stable | 1 Week |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|---|---|-----------------------------|-------------------------|------------------------------------|------------------------------|-------------------------------|--|--|
| Shiga Toxin Quick Chek | | Infectious Disease | | Feces | N/A | 14 Days | 14 Days | 14 Days |
| Uteroglobin | CC16 | Infectious Disease | EIA | Serum | 2 Weeks | 2 Weeks | 3 Months | 12 Months |
| Alpha 2 Macroglobulin | A2 Macro | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 2 Weeks | 1 Month | 1 Month |
| Alpha-1 Antitrypsin | A1AT | Inflammation and Immunology | Turbidity | Serum | 7 Days | 7 Days | 3 Days | 45 Months |
| Amyloid A | SAA | Inflammation and Immunology | Nephelometry | Serum | 9 Days | 2 Weeks | 12 Months | 12 Months |
| Amyloid A | SAA | Inflammation and Immunology | EIA | Serum | 9 Days | 2 Weeks | 12 Months | 12 Months |
| Anti CCP Antibodies | | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 weeks | N/A | N/A |
| Anti-Nuclear Antibodies (ANA) Screen | ANA | Inflammation and Immunology | Immunoassay | EDTA Plasma; Serum | 48 Hours | 1 Week | 12 Months | 12 Months |
| Anti-Ro52 | Anti-Ro52 (IgG) | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | 1 Month | 1 Month |
| Anti-Ro60 (IgG) | Sjogrens syndrome-A extractable nuclear IgG Ab | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | 1 Month | 1 Months |
| AXL, soluble | sAXL, soluble cell surface receptor tyrosine kinase AXL | Inflammation and Immunology | EIA | EDTA Plasma | 8 Days | 2 Weeks | 12 Months | 12 Months |
| Beta-2 Glycoprotein Antibody IgA | | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | 1 Month (ongoing) | 1 Month (ongoing) |
| Beta-2 Glycoprotein Antibody IgG | | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | 1 Month (ongoing) | 1 Month (ongoing) |
| Beta-2 Glycoprotein Antibody IgM | | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | 1 Month (ongoing) | 1 Month (ongoing) |
| C Reactive Protein, High Sensitivity | hsCRP | Inflammation and Immunology | Immunoturbidity | Serum | 1 Week | 1 Month | 27 Months | 27 Months |
| C Reactive Protein, High Sensitivity | hsCRP | Inflammation and Immunology | Nephelometry | EDTA Plasma; Heparin Plasma; Serum | 1 Week | 1 Month | 27 Months | 27 Months |
| C Reactive Protein, Ultra Sensitivity | | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 1 Month | 27 Months | 27 Months |
| Cardiolipin Antibody, IgA | Cardiolipin IgA | Inflammation and Immunology | Immunoassay | EDTA Plasma; Serum | 8 Hours | 14 Days | 1 Year | 1 Year |
| Cardiolipin Antibody, IgG | Cardiolipin IgG | Inflammation and Immunology | Immunoassay | EDTA Plasma; Serum | 8 Hours | 14 Days | 1 Year | 1 Year |
| Cardiolipin Antibody, IgM | Cardiolipin IgM | Inflammation and Immunology | Immunoassay | EDTA Plasma; Serum | 8 Hours | 14 Days | 1 Year | 1 Year |
| CD-14, Soluble | | Inflammation and Immunology | EIA | Serum | 7 Days | 14 Days | 12 Months | 12 Months |
| CD-40 Ligand, Soluble | sCD40L | Inflammation and Immunology | EIA | EDTA Plasma | 2 Hours | Not Stable | 3 Months | 12 Months |
| Celikey, IgA | | Inflammation and Immunology | Fluoroimmunoassay | EDTA Plasma, Serum | 8 Hours | 48 Hours | 1 Year | 1 Year |
| Chitinase 3-like 1 (CHI3L1, YKL-40) | CHI3L1, YKL-40 | Inflammation and Immunology | EIA | Serum | 7 Days | 2 Weeks | 13 Months | 13 Months |
| Complement Activity Total | CH50 | Inflammation and Immunology | Immunoassay | Serum | 6 Hours | 1 Day | 1 Month | 14 Months |
| Complement Bb | Bb Fragment | Inflammation and Immunology | EIA | EDTA Plasma; Serum | 3 Days | 3 Days | 10 Months | 15 Months |
| Complement C3 | C3 | Inflammation and Immunology | Nephelometry | EDTA Plasma; Serum | 1 Day | 1 Week | 4 Months | Serum: 18 Months; Plasma: 18 Months |
| Complement C3a | C3a | Inflammation and Immunology | EIA | EDTA Plasma | 4 Hours | 4 Hours | 7 Days | 3 Months |
| Complement C4 | C4 | Inflammation and Immunology | Nephelometry | EDTA Plasma; Serum | 3 Days | 4 Days | 3.5 Months | 12 Months |
| Complement C4a | C4a | Inflammation and Immunology | EIA | EDTA Plasma | Not Stable | Not Stable | Not Stable | 13 Months |
| Complement C5a | C5a | Inflammation and Immunology | EIA | EDTA Plasma | 2 Weeks | 2 Weeks | 8 Months | 470 Days |
| Double-Stranded DNA (dsDNA) Antibody, IgG | dsDNA, dsDNA IgG | Inflammation and Immunology | Immunoassay | EDTA Plasma; Serum | 48 Hours | 1 Week | 12 Months | 12 Months |
| Elafin | SKALP, ESI | Inflammation and Immunology | EIA | EDTA Plasma | 1 Day | 8 Days | 3 Months | 8 Months |
| Enhanced Liver Fibrosis | ELF | Inflammation and Immunology | Immunochemiluminescence | Serum | 1 Week | 1 Month | 12 Months | 16 Months |
| E-Selectin, Soluble | sE-Selectin | Inflammation and Immunology | EIA | EDTA Plasma | 3 Days | 3 Days | 12 Months | 12 Months |
| Fibroblast Activation Protein | FAP | Inflammation and Immunology | EIA | EDTA Plasma | 1 Week | 1 Week | 12 Months | 12 Months |
| Free Light Chains Ratio, Kappa to Lambda, Serum | KL Ratio, sFLC | Inflammation and Immunology | Nephelometry | Serum | Kappa: 3 Days; Lambda 2 Days | Kappa: 2 Weeks; Lambda 1 Week | Kappa: 12 Months; Lambda: 12 Months | Kappa: 12 Months; Lambda: 12 Months |
| Galactose-Deficient IgA1 (Cytokine V-Plex) | Gd-IgA1 | Inflammation and Immunology | EIA | Serum | 1 Week | 1 Week | 3 Months | 20 Months |
| Granzyme B | GM-CSF | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | 7 Days | 2 Weeks | 13 Months | 11 Months |
| Haptoglobin | | Inflammation and Immunology | EIA | Serum | 1 Day | 5 Days | 12 Months | 11 Months |
| Hepatocyte Growth Factor | HGF | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 3 Weeks | 1 Month | 1 Month |
| Human ST2 | IL-1 R4 | Inflammation and Immunology | EIA | Serum | 1 Week | 1 Week | 15 Months | 15 Months |
| Hyaluronic Acid | HA | Inflammation and Immunology | Immunofluorescence | Serum | 7 Days | 2 Weeks | 12 Months | 12 Months |
| Immunoglobulin A | IgA | Inflammation and Immunology | Immunochemiluminescence | Serum | 7 Days | 1 Month | 11 Months | 16 Months |
| Immunoglobulin D | IgD | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 2 Weeks | 11 Months | 11 Months |
| Immunoglobulin E | IgE | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 1 Week | 18 Months | 18 Months |
| Immunoglobulin G | IgG | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 2 Weeks | 11 Months | 11 Months |
| Immunoglobulin G (Urine) | IgG, urine | Inflammation and Immunology | Nephelometry | Urine | 3 Days | 2 Weeks | 3 Days | 1 Week |
| Immunoglobulin G, Subclasses 1-4 | IgG1, IgG2, IgG3, IgG4 | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 2 Weeks | 18 Months | 18 Months |
| Immunoglobulin M | IgM | Inflammation and Immunology | Nephelometry | Serum | 1 Week | 2 Weeks | 4 Months | 4 Months |
| Intercellular Adhesion Molecule 1 | ICAM-1, sICAM-1, CD54 | Inflammation and Immunology | EIA | EDTA Plasma; Serum | 9 days | 2 weeks | 12 months | 52 Months |
| Interferon alpha | IFN- α | Inflammation and Immunology | EIA | Serum; EDTA Plasma | 6 Days | 3 Weeks | 12 Months | 12 Months |
| Interferon beta | IFN- β | Inflammation and Immunology | EIA | Serum | 4 Hours | 1 Day | 12 Months | 12 Months |
| Interferon gamma (Mesoscale Proinflammatory V-Plex) | IFN γ , IFN γ | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | 3 Days | 2 Weeks | Serum: 11 Months; EDTA-Plasma: 11 Months | Serum: 11 Months; EDTA-Plasma: 11 Months |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|---|-------------------------|-----------------------------|-----------------------|------------------------------------|--|---|--|--|
| Interferon gamma-induced Protein 10 (Meso Scale Chemokine V-Plex) | IP-10 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: Not Stable, EDTA Plasma: 3 Days | Serum: Not Stable, EDTA Plasma 4 Days | Serum: 13 Months, EDTA Plasma: 13 Months | Serum: 13 Months, EDTA Plasma: 13 Months |
| Interleukin-1 Receptor Antagonist | IL-1ra | Inflammation and Immunology | EIA | Serum | 3 Days | 2 Weeks | 12 Months | 66 Months |
| Interleukin-10 (Meso Scale Proinflammatory V-Plex) | IL-10 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | 3 Days | 3 Days | Serum: 51 Months; EDTA Plasma: 11 Months | Serum: 11 Months; EDTA Plasma: 95 Months |
| Interleukin-12/Interleukin-23 p40 (Meso Scale Cytokine V-Plex) | IL-12/IL-23p40 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: 3 Days, EDTA Plasma: 8 Days | Serum: 2 Weeks, EDTA Plasma: 2 Weeks | 1 Year | 1 Year |
| Interleukin-12p70 (Meso Scale Proinflammatory V-Plex) | IL-12p70 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | Serum: 3 Days; EDTA Plasma: 1 Week | Serum: 3 Days; EDTA Plasma: 2 Weeks | Serum: 11 Months; EDTA Plasma: 11 Months | Serum: 51 Months; EDTA Plasma: 11 Months |
| Interleukin-13 (Meso Scale Proinflammatory V-Plex) | IL-13 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | Serum: 1 Day; EDTA Plasma: 3 Days | Serum: 1 Day; EDTA Plasma: 3 Days | Serum: 11 Months; EDTA Plasma: 11 Months | Serum: 11 Months; EDTA Plasma: 11 Months |
| Interleukin-15 (Meso Scale Cytokine V-Plex) | IL-15 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Not Stable | Not Stable | 10 Months | 10 Months |
| Interleukin-17a (Meso Scale Cytokine V-Plex) | IL-17a | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: 1 Day, EDTA Plasma: Not Stable | Serum: 1 Day, EDTA Plasma: 2 Days | Serum: 11 Months, EDTA Plasma: 11 Months | Serum: 11 Months, EDTA Plasma: 11 Months |
| Interleukin-18 | IL-18, IL-1f4 | Inflammation and Immunology | EIA | Serum | 7 Days | 2 Weeks | 12 Months | 12 Months |
| Interleukin-1 α (Meso Scale Cytokine V-Plex) | IL-1 α | Inflammation and Immunology | EIA | EDTA Plasma; Serum | Serum: Not Stable, EDTA Plasma: 7 Days | Serum: 3 Days, EDTA Plasma: Not Stable | Serum: 13 Months, EDTA Plasma: 10 Months | Serum: 13 Months, EDTA Plasma: 10 Months |
| Interleukin-1 β (Meso Scale Proinflammatory V-Plex) | IL-1 β , IL-1beta | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | Serum: Not Stable; EDTA Plasma: 1 Day | Serum: Not Stable; EDTA Plasma: 1 Day | Serum: 51 Months; EDTA Plasma: 10 Months | Serum: 51 Months; EDTA Plasma: 95 Months |
| Interleukin-2 (Meso Scale Proinflammatory V-Plex) | IL-2 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | Serum: 7 Days; EDTA Plasma: Not Stable | Serum: 2 Weeks; EDTA Plasma: 2 Weeks | Serum: 51 Months; EDTA Plasma: 11 Months | Serum: 51 Months; EDTA Plasma: 11 Months |
| Interleukin-2 Receptor alpha | IL-2Ra | Inflammation and Immunology | EIA | Serum | 7 Days | 2 Weeks | 12 Months | 36.5 Months |
| Interleukin-22 | IL-22 | Inflammation and Immunology | EIA | EDTA Plasma; Heparin Plasma; Serum | Not Stable | Not Stable | N/A | N/A |
| Interleukin-31 | IL-31 | Inflammation and Immunology | EIA | EDTA Plasma | Ongoing | Ongoing | Ongoing | Ongoing |
| Interleukin-4 (Meso Scale Proinflammatory V-Plex) | IL-4 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | Serum: 1 Day; EDTA Plasma: 3 Days | Serum: 2 Weeks; EDTA Plasma: 3 Days | Serum: 11 Months; EDTA Plasma: 11 Months | Serum: 11 Months; EDTA Plasma: 11 Months |
| Interleukin-5 (Meso Scale Cytokine V-Plex) | IL-5 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Not Stable | Not Stable | 10 Months | 10 Months |
| Interleukin-6 (Meso Scale Proinflammatory V-Plex) | IL-6 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | 1 Week | 2 Weeks | Serum: 51 Months; EDTA Plasma: 11 Months | Serum: 51 Months; EDTA Plasma: 95 Months |
| Interleukin-6 High Sensitivity | hsIL-6 | Inflammation and Immunology | EIA | Serum | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Interleukin-7 (Meso Scale Cytokine V-Plex) | IL-7 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: 3 Days; EDTA Plasma: 8 Days | Serum: 2 Weeks; EDTA Plasma: Not Stable | Serum: 1 Year; EDTA-Not Stable | Serum: 1 Year; EDTA-Not Stable |
| Interleukin-8 (Meso Scale Proinflammatory V-Plex) | IL-8 | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | 1 Week | 2 Weeks | Serum: 51 Months; EDTA Plasma: 11 Months | Serum: 51 Months; EDTA Plasma: 95 Months |
| JO-1 Antibody | JO-1 | Inflammation and Immunology | Fluorimmunoassay | serum | 8 Hours | 2 Weeks | 2 Weeks (Ongoing) | 2 Weeks (Ongoing) |
| La Antibody, IgG | | Inflammation and Immunology | Immunoassay | Serum; EDTA Plasma | N/A | 2 Weeks | 1 Month (ongoing) | 1 Month (ongoing) |
| Lupus Anticoagulant | | Inflammation and Immunology | Clot Detection | 3.2% Na Citrate Plasma | 4 Hours | N/A | 2 Weeks | 6 Months |
| Macrophage Colony Stimulating Factor 1 | M-CSF | Inflammation and Immunology | EIA | Serum | 2 Hours | 5 Hours | Not Stable | 12 Months |
| Macrophage Derived Chemokine (Meso Scale Chemokine V-Plex) | MDC | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: 4 Days, EDTA Plasma: 1 Day | Serum: 2 Weeks, EDTA Plasma: 2 Weeks | Serum: 11 Months, EDTA Plasma: 13 Months | Serum: 11 Months, EDTA Plasma: 13 Months |
| Macrophage Inflammatory Protein 1, alpha | MIP, alpha | Inflammation and Immunology | EIA | Serum | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Macrophage Inflammatory Protein 1, beta (Meso Scale Chemokine V-Plex) | MIP-1b | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: 3 Days; EDTA plasma: 8 Days | Serum: 3 Days; EDTA plasma: 2 Weeks | 1 Year | 1 Year |
| Macrophage Inflammatory Protein 1-alpha (Meso Scale Chemokine V-Plex) | MIP-1alpha | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | 7 Days | 2 Weeks | 13 Months | 13 Months |
| Macrophage Inhibitory Cytokine 1 | MIC-1, GDF-15 | Inflammation and Immunology | EIA | Serum | 1 Week | 3 Weeks | 12 Months | 12 Months |
| Matrix Metalloproteinase 1 | MMP-1 | Inflammation and Immunology | ECLIA | EDTA Plasma | 1 Week | 1 Week | 1 month (ongoing) | 1 month (ongoing) |
| Matrix Metalloproteinase 3 | MMP-3 | Inflammation and Immunology | ECLIA | EDTA Plasma | 1 Week | 1 Week | 1 month (ongoing) | 1 month (ongoing) |
| Matrix Metalloproteinase 8 | MMP-8 | Inflammation and Immunology | ECLIA | EDTA Plasma | 1 Week | 1 Week | 12 Months | 12 Months |
| Matrix Metalloproteinase 9 | MMP-9 | Inflammation and Immunology | ECLIA | EDTA Plasma | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Monocyte Chemoattractant Protein-1 (Meso Scale Chemokine V-Plex) | MCP-1 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | 7 Days | 2 Weeks | 13 Months | 13 Months |
| Monocyte Chemoattractant Protein-4 (Meso Scale Chemokine V-Plex) | MCP-4 | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | 7 Days | 2 Weeks | 13 Months | 13 Months |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|--|---------------------------------|----------------------------------|---------------------------------|-----------------------------|------------------------------------|-------------------------------------|--|--|
| Neutrophil Elastase | Neutrophilic Elastase, Elastase | Inflammation and Immunology | EIA | Platelet Poor EDTA Plasma | 7 Days | 2 Weeks | 3 Weeks | 18 Months |
| Prealbumin | Transthyretin | Inflammation and Immunology | Nephelometry | Serum | 4 Days | 3 Weeks | 1 Year | 1 Year |
| Procollagen III Peptide | PIIINP, P3NP | Inflammation and Immunology | Immunochemiluminescence | Serum | 4 Days | 1 Month | 12 Months | 16 Months |
| Programmed Death-1 | PD-1 | Inflammation and Immunology | EIA | Serum | 7 Days | 7 Days | 1 Month | 13 Months |
| Programmed Death-Ligand 1 | PDL1, B7-H1, CD274 | Inflammation and Immunology | EIA | Serum | 7 Days | 7 Days | 3 Months | 9 Months |
| Proteinase 3 | PR3 | Inflammation and Immunology | EIA | EDTA Plasma | Unknown | Unknown | Unknown | Unknown |
| P-Selectin, Soluble | P-Selectin | Inflammation and Immunology | EIA | Citrate Plasma; EDTA Plasma | 1 Week | 2 Weeks | 17 Months | 17 Months |
| Regenerating Islet-derived IIIa | Reg3A | Inflammation and Immunology | EIA | Serum | 1 Week | 2 Week | 15 months (ongoing) | 15 months (ongoing) |
| Rheumatic Factor IgA | | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | | |
| Rheumatic Factor IgM | | Inflammation and Immunology | Immunoassay | Serum | 8 Hours | 2 Weeks | | |
| RNF70 Antibody, IgG | | Inflammation and Immunology | Immunoassay | Serum; EDTA Plasma | N/A | 2 weeks | 1 month (ongoing) | 1 month (ongoing) |
| RO Antibody, IgG | | Inflammation and Immunology | Immunoassay | Serum; EDTA Plasma | N/A | 2 Weeks | 1 Month (ongoing) | 1 Month (ongoing) |
| SC5b-9 | | Inflammation and Immunology | EIA | EDTA Plasma | 2 Hours | 2 Days | 7 Days | 9 Months |
| Smith Antibody, IgG | Anti-Smdp, Anti-SMD | Inflammation and Immunology | Fluorescence enzyme immunoassay | Serum | 8 Hours | 48 Hours | 2 Years | 2 Years |
| T Cell Immunoglobulin Mucin-3 | TIM-3, HAVCR2 | Inflammation and Immunology | EIA | EDTA Plasma | 7 Days | 7 Days | 3 Months | 22 Months |
| Thrombopoietin | TPO | Inflammation and Immunology | EIA | Serum | 7 Days | 7 Days | 19 Months | 19 Months |
| Thymus and Activation-Regulated Chemokine (Meso Scale Chemokine V-Plex) | TARC | Inflammation and Immunology | ECLIA | EDTA Plasma; #Serum | Serum: 7 Days, EDTA-Plasma: 7 Days | Serum: 2 Weeks, EDTA-Plasma: 1 Week | Serum: 13 Months, EDTA-Plasma: 4 Months | Serum: 13 Months, EDTA-Plasma: 13 Months |
| Thyroxine-Binding Globulin | TBG | Inflammation and Immunology | ECLIA | Serum | 7 Days | 14 Days | 6 Months | 6 Months |
| Tissue Inhibitor of Metalloproteinase 1 | TIMP1 | Inflammation and Immunology | Immunochemiluminescence | Serum | 7 Days | 1 Month | 12 Months | 16 Months |
| Transforming Growth Factor-beta1, Serum | TGF-b1 | Inflammation and Immunology | EIA | Serum | 2 Weeks | 1 Week | 12 Months | 12 Months |
| Tryptase | | Inflammation and Immunology | Fluorimmunoassay | EDTA Plasma; Serum | 1 Week | 2 Weeks | 12 Months | 12 Months |
| TSH Receptor Antibody | anti-TSHR, TRAb | Inflammation and Immunology | ECLIA | Serum | 7 Hours | 6 Days | 12 Months | 12 Months |
| Tumor Necrosis Factor I | TNFR1 | Inflammation and Immunology | EIA | Serum | 1 Week | 1 Month | 12 Months | 12 Months |
| Tumor Necrosis Factor II | TNFR2, TNFRSF1B, sTNFR1, p75 | Inflammation and Immunology | EIA | Serum | 7 Days | 1 Month | 12 Months | 12 Months |
| Tumor Necrosis Factor beta (Meso Scale Cytokine V-Plex) | TNF-beta | Inflammation and Immunology | ECLIA | EDTA Plasma; Serum | Serum: 7 Days, EDTA Plasma: 7 Days | Serum: 7 Days, EDTA Plasma: 2 Weeks | Serum: 11 Months, EDTA Plasma: 13 Months | Serum: 13 Months, EDTA Plasma: 13 Months |
| Tumor Necrosis Factor-alpha (Meso Scale Proinflammatory V-Plex) | TNFalpha, TNF-alpha | Inflammation and Immunology | Multiplex Immunoassay | EDTA Plasma; Serum | 1 Day | 1 Day | Serum: 51 Months; EDTA-Plasma: 11 Months | Serum: 51 Months; EDTA-Plasma: 11 Months |
| VE-Cadherin | | Inflammation and Immunology | EIA | Serum | 3 Weeks | 2 Weeks | 3 Months | 16 Months |
| Vitamin D, 1,25 dihydroxy Vitamin D | 1,25 Dihydroxy Vit D | Inflammation and Immunology | ECLIA | Serum | 7 Days | 2 Weeks | 1 Year | 1 Year |
| Varicella-Zoster Virus IgG | Anti-VZV IgG | Inflammation and Immunology | CLIA | Serum | 4 Days | 4 Days | 2 Weeks | 2 Weeks |
| Apo(a) Isoform | | Lipid and Lipoprotein Metabolism | Electrophoresis | Serum | 1 Week | 1 Month | 2 Months (Ongoing) | 12 Months (Ongoing) |
| Apolipoprotein AI | Apo AI | Lipid and Lipoprotein Metabolism | Nephelometry | EDTA Plasma; Serum | 3 Weeks | 3 Months | 1 Year | 2 Years |
| Apolipoprotein AII | Apo AII | Lipid and Lipoprotein Metabolism | Nephelometry | EDTA Plasma; Serum | 3 Days | 1 Week | 3 Months | 6 Months |
| Apolipoprotein AV | Apo AV, Apo A5 | Lipid and Lipoprotein Metabolism | EIA | Serum | 3 Days | 1 Week | 26.5 Months | 26.5 Months |
| Apolipoprotein B, Total | Apo B | Lipid and Lipoprotein Metabolism | Nephelometry | EDTA Plasma; Serum | 3 Weeks | 3 Months | 1 Year | 2 Years |
| Apolipoprotein B-48 | Apo B-48 | Lipid and Lipoprotein Metabolism | EIA | EDTA Plasma; Serum | 2 Days | 1 Week | 3 Months | 30 Months (ongoing) |
| Apolipoprotein CII | Apo CII | Lipid and Lipoprotein Metabolism | Turbidity | Serum | 7 Days | 3 Weeks | 6 Months | 18 Months |
| Apolipoprotein CIII | Apo CIII | Lipid and Lipoprotein Metabolism | Turbidity | Serum | 2 Weeks | 3 Weeks | 15 Months | 15 Months |
| Apolipoprotein E | Apo E | Lipid and Lipoprotein Metabolism | Nephelometry | EDTA Plasma; Serum | 3 Days | 1 Week | 1 Year | 1 Year |
| Cholesterol, Free | Unesterified Cholesterol | Lipid and Lipoprotein Metabolism | Photometric | EDTA Plasma; Serum | 2 days | 2 Weeks | at least 14 Months | at least 14 Months |
| Cholesterol, High Density Lipoprotein (Precipitation) | HDL-C | Lipid and Lipoprotein Metabolism | Precipitation | Serum | 3 Days | 1 Month | 1 Year | 1 Year |
| Cholesterol, High Density Lipoprotein Subfractions (Precipitation) | HDL subfractions, HDL2, HDL3 | Lipid and Lipoprotein Metabolism | Precipitation | Serum | N/A | 2 Days | N/A | N/A |
| Cholesterol, High Density Lipoprotein Subfractions (Ultracentrifugation) | HDL subfractions, HDL2, HDL3 | Lipid and Lipoprotein Metabolism | Ultracentrifugation | EDTA Plasma; Serum | 3 Weeks | 2 Months | 2 Months | 1 Year |
| Cholesterol, Intermediate Density Lipoprotein (Ultracentrifugation) | IDL | Lipid and Lipoprotein Metabolism | Ultracentrifugation | EDTA Plasma; Serum | 3 Days | 1 Month | 1 Year | 1 Year |
| Cholesterol, Low Density Lipoprotein (Friedewald Calculation) | LDL-C | Lipid and Lipoprotein Metabolism | Calculation | Calculation | N/A | N/A | N/A | N/A |

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|---|--|----------------------------------|--------------------------------------|--|---------------------|-------------------|-------------------|-----------------------|
| Cholesterol, Low Density Lipoprotein (Direct) | LDL-C | Lipid and Lipoprotein Metabolism | Enzymatic | Serum | 4 Days | 7 Days | 9 Months | 14 Months |
| Cholesterol, Low Density Lipoprotein (Ultracentrifugation) | LDL-C, Beta Quant, BQ LDL | Lipid and Lipoprotein Metabolism | Ultracentrifugation | EDTA Plasma; Serum | 3 Days | 1 Month | 1 Year | 1 Year |
| Cholesterol, Small Dense Low Density Lipoprotein | sdLDL | Lipid and Lipoprotein Metabolism | Photometric | Serum | 3 Days | 1 Month | 4 Months | 18 Months |
| Cholesterol, Total | | Lipid and Lipoprotein Metabolism | Photometric | Serum | 3 Days | 1 Month | 1 Year | 1 Year |
| Cholesterol, Very Low Density Lipoprotein (Ultracentrifugation) | VLDL-C, Beta Quant, BQ VLDL | Lipid and Lipoprotein Metabolism | Ultracentrifugation | EDTA Plasma; Serum | 3 Days | 1 Month | 1 Year | 1 Year |
| Chylomicron (Ultracentrifugation) | Chylos, CM (CM_Chol, CM_Trig, CM_PhosLip) | Lipid and Lipoprotein Metabolism | Ultracentrifugation | EDTA Plasma; Serum | Not Stable | 7 Days | Do not freeze | Do not freeze |
| Electrophoresis, Lipoprotein | | Lipid and Lipoprotein Metabolism | Electrophoresis | Serum | 3 Days | 10 Days | Not Stable | Not Stable |
| Fatty Acid Binding Protein, Liver | L-FABP, FABP1, FABP-1 | Lipid and Lipoprotein Metabolism | EIA | Urine | 1 Day | 2 Days | 1 Month (Ongoing) | 12 Months |
| Fatty Acids, Free | NEFA, FFA | Lipid and Lipoprotein Metabolism | Colorimetry | Serum | Not Stable | 1 Week | 12 Months | 12 Months |
| Lipoprotein (a), AU/ Randox | Lp(a) | Lipid and Lipoprotein Metabolism | Immunoturbidity | Serum | 4 Days | 2 Weeks | 6 Months | 9 Years |
| Lipoprotein (a), Beckman Coulter | Lp(a) (molar) | Lipid and Lipoprotein Metabolism | Immunoturbidity | Serum | 4 Days | 2 Weeks | 6 Months | 9 Years |
| Lipoprotein (a), Roche Cobas | Lp(a) Molar | Lipid and Lipoprotein Metabolism | Particle enhanced immunoturbidimetry | Serum | 4 Days | 2 Weeks | 6 Months | 9 Years |
| Lipoprotein (a), Siemens BNII | Lp(a) (mass) | Lipid and Lipoprotein Metabolism | Nephelometry | EDTA Plasma; Heparin Plasma; Serum | 4 Days | 2 Weeks | 6 Months | 9 Years |
| Lipoprotein(a)-cholesterol | Lp(a)-C | Lipid and Lipoprotein Metabolism | EIA | EDTA Plasma;#Serum | 4 Hours | 4 Hours | 3 Months | 12 Months |
| Lipoprotein-associated Phospholipase A2 Activity | Lp-PLA2 Activity | Lipid and Lipoprotein Metabolism | Photometric | EDTA Plasma; Serum | 1 Day | 2 Weeks | 18 Months | 2 Years |
| Oxidized LDL | OxLDL | Lipid and Lipoprotein Metabolism | EIA | EDTA Plasma; Serum | 1 Day | 8 Days | 5 Months | 12 Months |
| PCSK9 (R&D Systems) | | Lipid and Lipoprotein Metabolism | EIA | EDTA Plasma; Serum | 3 Days | 1 Months | 2 Months | 61 Months |
| Pre-beta1-HDL | Pre-β1-HDL | Lipid and Lipoprotein Metabolism | EIA | EDTA Plasma | Not Stable | 1 Week | 5 Months | 10.5 Months (Ongoing) |
| Retinyl Palmitate | | Lipid and Lipoprotein Metabolism | UPLC | EDTA Plasma;#Serum | 5 Days | 1 Month | 4 Months | 1 Year |
| Triglyceride | Trig | Lipid and Lipoprotein Metabolism | Colorimetry | Serum | 3 Days | 3 Weeks | 2 Years | 2 Years |
| Triglyceride Rich Lipoprotein - Cholesterol | TRL-C | Lipid and Lipoprotein Metabolism | Enzymatic | Serum; EDTA plasma, Lithium Heparin Plasma | 4 Hours | 2 days | 7 Months | 9 Months |
| 5-Nucleotidase | 5'-NT | Metabolic | Photometric | Serum | 1 Week | 1 Week | 2 Months | 12 Months |
| Alanine Aminotransferase | ALT, SGPT | Metabolic | Kinetic | Serum | 4 Days | 1 Month | 3 Days | 12 Months |
| Albumin (Blood) | | Metabolic | Endpoint Photometric | Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Alkaline Phosphatase | ALP | Metabolic | Kinetic | Serum | 1 Week | 1 Week | 3 Months | 12 Months |
| Alkaline Phosphatase Bone Fragment | ALP Isoenzyme B | Metabolic | Electrophoresis | Serum | 8 Days | 35 Days | 28 Days | 35 Days |
| Alkaline Phosphatase L1 and bone fragment | ALP Isoenzyme L1+B | Metabolic | Electrophoresis | Serum | 8 Days | 35 Days | 28 Days | 35 Days |
| Alkaline Phosphatase Liver 1 Fragment | ALP Isoenzyme L1 | Metabolic | Electrophoresis | Serum | 8 Days | 35 Days | 28 Days | 35 Days |
| Alkaline Phosphatase Liver 2 Fragment | ALP Isoenzyme L2 | Metabolic | Electrophoresis | Serum | 8 Days | 35 Days | 28 Days | 35 Days |
| Alkaline Phosphatase Other Fragments | ALP Isozymes Other | Metabolic | Electrophoresis | Serum | 8 Days | 35 Days | 28 Days | 35 Days |
| Alkaline Phosphatase Total Liver Fragment | ALP Isoenzyme L Total | Metabolic | Electrophoresis | Serum | 8 Days | 35 Days | 28 Days | 35 Days |
| Ammonia | | Metabolic | Photometric | EDTA Plasma | Not Stable | Not Stable | 3 Days | 5 Months |
| Amylase (Blood) | Alpha Amylase | Metabolic | Enzymatic | Serum | 2 Week | 1 Month | 1 Year | 1 Year |
| Anion Gap | | Metabolic | Calculation | Calculation | N/A | N/A | N/A | N/A |
| Asparate Amino Transferase | AST, SGOT | Metabolic | Kinetic | Serum | 7 Days | 1 Month | 10 Months | 1 Year |
| Bicarbonate, Total | CO2 | Metabolic | Photometric | Serum | 3 Days | 1 Week | 1 Year | 1 Year |
| Bile Acids, Total | | Metabolic | Enzymatic Cycling | Serum | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Bilirubin, Direct | Conjugated Bilirubin | Metabolic | Photometric | Serum | 2 Days | 1 Week | 1 Month | 6 Months |
| Bilirubin, Indirect | Unconjugated Bilirubin | Metabolic | Calculation | Calculation | N/A | N/A | N/A | N/A |
| Bilirubin, Total | | Metabolic | Photometric | Serum | 2 Days | 1 Week | 1 Month | 6 Months |
| Calcium (Blood) | | Metabolic | Photometric | Serum | 2 Weeks | 1 Month | 2 Years | 1 Year |
| Calcium (Urine) | | Metabolic | Photometric | Urine | 1 Week | 1 Week | 1 Year | 1 Year |
| Carbohydrate Deficient Transferrin, Percent | % CDT | Metabolic | Immunonephelometry | Serum | 1 Day | 2 Weeks | 1 Year | 10 Months |
| Chloride (Blood) | CL | Metabolic | ISE | Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Chloride (Urine) | CL | Metabolic | ISE | Urine | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Cholesterol, High Density Lipoprotein (Direct) | HDL-C | Metabolic | Enzymatic | Serum | 3 Days | 3 Weeks | 1 Month | 1 Year |

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|--|--|-----------------------------|------------------------------|------------------------------------|---------------------|-------------------|--|--|
| Creatine Kinase | CK, CPK | Metabolic | Kinetic | Serum | 10 Days | 1 Month | 1 Month | 1 Year |
| Creatinine (Blood) | | Metabolic | Jaffe | Serum | 1 Month | 2 Months | 1 Year | 1 Year |
| Creatinine (Enzymatic) | | Metabolic | Enzymatic | Serum | 8 Days | 17 Days | 14 Months | 14 Months |
| Creatinine Clearance | | Metabolic | Calculation | Calculation | N/A | N/A | N/A | N/A |
| Cytochrome C | | Metabolic | EIA | Serum | 1 Week | 1 Week | 7 Months | 7 Months |
| Ferritin | | Metabolic | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 1 Year |
| Fibroblast Growth Factor 19 | FGF19 | Metabolic | EIA | EDTA Plasma; Serum | 1 Week | 3 Weeks | 12 Months | 12 Months |
| Fibulin 3 | FBLN3, EFEMP1 | Metabolic | EIA | Serum | 1 Week | 3 Weeks | 12 Months | 11 Months |
| Galectin-3 | | Metabolic | EIA | Serum | 24 Hours | 1 Week | 12 Months | 40 Months |
| Gamma Glutamyl Transferase | GGT | Metabolic | Kinetic | Serum | 3 Weeks | 3 Months | 1 Year | 1 Year |
| Gamma Glutamyl Transferase, IFCC | GGT (IFCC) | Metabolic | Colorimetry | EDTA Plasma; Serum | 3 Weeks | 3 Months | 1 Year | 1 Year |
| Globulin | | Metabolic | Calculation | | N/A | N/A | N/A | N/A |
| Glucose (Blood) | | Metabolic | Photometric | Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Glucose (Urine) | | Metabolic | Photometric | Urine | 5 Days | 2 Weeks | 1 Year | 1 Year |
| Glutamate Dehydrogenase (GLDH) | GLDH | Metabolic | Photometric | Serum | 2 Days | 2 Weeks | 12 Months | 11 Months |
| Glutamate Dehydrogenase (GLDH) | GLDH | Metabolic | Enzymatic | Serum | 2 Days | 2 Weeks | 12 Months | 11 Months |
| HSD17B13 rs72613567 SNP by qPCR | Detection of rs72613567 SNP on the human HSD17B13 gene by qPCR | Metabolic | qPCR | K2 EDTA Whole Blood | 24 Hours | 5 Days | Not Stable | Not Stable |
| Iron | | Metabolic | Photometric | Serum | 2 Weeks | 3 Weeks | 1 Year | 1 Year |
| Iron Binding Capacity, Total | TIBC | Metabolic | Calculation | Calculation | N/A | N/A | N/A | N/A |
| Iron Binding Capacity, Unsaturated | UIBC | Metabolic | Photometric | Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Lactate | | Metabolic | Enzymatic | Fluoride Plasma | 2 Hours | 2 Weeks | 1 Year | 1 Year |
| Lactate Dehydrogenase | LDH | Metabolic | Enzymatic | Serum | 2 Weeks | 2 Weeks | 1 Month | 1 Year |
| Lipase | | Metabolic | Enzymatic | Serum | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Magnesium (Blood) | Mg | Metabolic | Endpoint Photometric | Serum | 2 Weeks | 2 Weeks | 1 Year | 1 Year |
| Magnesium (Urine) | Mg | Metabolic | Endpoint Photometric | Urine | 1 Week | 2 Weeks | 1 Year | 1 Year |
| PCSK9, Proprotein convertase subtilisin kexin 9 | PCSK9 | Metabolic | EIA | EDTA Plasma; Serum | 1 Week | 1 Month | Not Stable | 28 Months |
| Phosphorous (Blood) | | Metabolic | Endpoint Photometric | Serum | 7 Days | 1 Month | 1 Year | 1 Year |
| Phosphorous (Urine) | | Metabolic | Endpoint Photometric | Urine | 1 Week | 2 Weeks | 1 Year | 1 Year |
| PNPLA3 rs738409 SNP by PCR | Detection of rs738409 SNP on the human PNPLA3 gene by qPCR | Metabolic | PCR | K2 EDTA Whole Blood | 24 Hours | 5 Days | Not Stable | Not Stable |
| Potassium (Blood) | K | Metabolic | ISE | Serum | 3 Weeks | 3 Weeks | 1 Year | 1 Year |
| Potassium (Urine) | K | Metabolic | ISE | Urine | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Protein (Blood) | | Metabolic | Colorimetry | EDTA Plasma; Heparin Plasma; Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Protein (Urine) | | Metabolic | Colorimetry | Urine | 1 Week | 6 Months | 6 Months | 6 Months |
| Sodium (Blood) | Na | Metabolic | ISE | Lithium Heparin Plasma; Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Sodium (Urine) | Na | Metabolic | ISE | Urine | 1 Week | 1 Week | 1 Year | 1 Year |
| Transferrin | | Metabolic | Turbidity | Serum | 2 Weeks | 2 Weeks | 1 Year | 1 Year |
| Transferrin Receptor, soluble | sTfR | Metabolic | Nephelometry | Serum | 1 Week | 1 Week | 1 Month | 1 Month |
| Urea Nitrogen (Blood) | BUN | Metabolic | Kinetic | Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Urea Nitrogen (Urine) | 24 Hr Urine Urea Nitrogen | Metabolic | Enzymatic | Urine | 1 Week | 2 Weeks | 19 months without preservative; 12 months with 6mol/L HCL added immediately 19 months with 6 mol/L HCL added after 24 hours | 19 months without preservative; 12 months with 6mol/L HCL added immediately 19 months with 6 mol/L HCL added after 24 hours |
| Uric Acid (Blood) | UA | Metabolic | Colorimetry | Serum | 2 Weeks | 1 Month | 1 Year | 1 Year |
| Uric Acid (Urine) | 24 Hr Urine UA | Metabolic | Enzymatic | Urine | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Microbiology - Carbapenemase Detection | Carba5 | Microbiology | EIA | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Culture, Urine (Quantitative) | | Microbiology | Culture, Microbiology Manual | Urine | 72 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Culture, Vaginal | | Microbiology | Culture, Microbiology Manual | Vaginal Swab | 48 Hours | 48 Hours | Unacceptable | Unacceptable |
| Microbiology - Culture, Wound/Abscess | | Microbiology | Culture, Microbiology Manual | Swab | 48 Hours | 48 Hours | Unacceptable | Unacceptable |
| Microbiology - Gram Stain | | Microbiology | | | | | | |
| Microbiology - Isolate DNA Extraction, Manual; Gram Negative | | Microbiology | DNA Extraction | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Isolate DNA Extraction, Manual; Gram Positive | | Microbiology | DNA Extraction | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Isolate DNA Extraction, Manual; Yeast | | Microbiology | DNA Extraction | Isolate | N/A | N/A | N/A | N/A |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|---|--|-----------------------------|--------------------------------------|-------------------------------|-------------------------------------|---------------------------------|--|---|
| Microbiology - Isolate Identification, Aerobic | | Microbiology | MALDI_TOF MS (Bruker) | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Isolate Identification, Anaerobic | | Microbiology | MALDI_TOF MS (Bruker) | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Isolate Identification, Other | | Microbiology | MALDI_TOF MS (Bruker) | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Isolate Identification, Yeast | | Microbiology | MALDI_TOF MS (Bruker) | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Stool Culture, Aeromonas | | Microbiology | Culture, Microbiology Manual | Feces | | | | |
| Microbiology - Stool Culture, Campylobacter | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Clostridioides difficile | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Comprehensive | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Escherichia coli O157 | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Listeria | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Plesiomonas | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Salmonella and Shigella | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Vibrio | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Stool Culture, Yersinia | | Microbiology | Culture, Microbiology Manual | Feces | 48 Hours | 72 Hours | Unacceptable | Unacceptable |
| Microbiology - Susceptibility, Agar Dilution - Custom Panels | | Microbiology | Antimicrobial Susceptibility Testing | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Susceptibility, Broth Microdilution - Aerobic | BMD | Microbiology | Antimicrobial Susceptibility Testing | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Susceptibility, Broth Microdilution - Anaerobic | BMD | Microbiology | Antimicrobial Susceptibility Testing | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Susceptibility, Broth Microdilution - Custom Panel | BMD, M100, CLSI M100 | Microbiology | Antimicrobial Susceptibility Testing | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Susceptibility, Broth Microdilution - Yeast | BMD, M27, CLSI M27 | Microbiology | Antimicrobial Susceptibility Testing | Isolate | N/A | N/A | N/A | N/A |
| Microbiology - Susceptibility, Disk Diffusion - Custom Panels | Disk Diffusion, Agar Diffusion, E-test | Microbiology | Antimicrobial Susceptibility Testing | Isolate | N/A | N/A | N/A | N/A |
| Aldolase | ALD | Musculoskeletal | Colorimetry | Serum | 2 Days | 2 Weeks | 2 Weeks | 5 Months |
| Deoxypyridinolines | DPD | Musculoskeletal | EIA | Urine | 1 Week | 3 Weeks | 1 Year | 1 Year |
| Osteocalcin | | Musculoskeletal | ECLIA | EDTA Plasma; Serum | 8 Hours | 3 Days | 3 Months | 2 Years |
| Parathyroid Hormone, Intact | PTH | Musculoskeletal | ECLIA | EDTA Plasma; Serum | Serum: Not Stable Plasma: 3 Days | Serum: 8 Days Plasma: 3 days | Serum: 1 Year Plasma: 3 months (ongoing) | Serum: 1 Year Plasma: 3 months (ongoing) |
| Procollagen Type 1 C-terminal Propeptide | P1CP | Musculoskeletal | EIA | Serum | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Procollagen Type 1 N-terminal Propeptide | P1NP | Musculoskeletal | ECLIA | EDTA Plasma; Serum | 1 Week | 1 Month | 1 Year | 1 Year |
| Telopeptide C Terminal, Type 1 Collagen | Beta Crosslaps, Beta -CTX | Musculoskeletal | ECLIA | Serum | 6 Hours | 8 Hours | 1 Year | 1 Year |
| Vitamin D, 25 OH | | Musculoskeletal | ECLIA | Serum | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Albumin (Urine) | Microalbumin | Nephrology | Nephelometry | Urine | 7 Days | 2 Weeks | 1 Month | 8 Months |
| Alpha-1-Microglobulin (urine) | Protein HC ³ | Nephrology | Nephelometry | Urine | 2 Days | 8 Days | Not Stable | Not Stable |
| Beta 2 Microglobulin (Blood) | | Nephrology | Nephelometry | Serum | 2 Weeks | 3 Weeks | 1 Year | 1 Year |
| Beta 2 Microglobulin, High Sensitivity (Urine) | hs UR B2M | Nephrology | Nephelometry | Urine | 3 Days | 3 Days | 18 Months | 18 Months |
| Creatinine (Urine) | | Nephrology | Jaffe | Urine | 1 Week | 2 Weeks | 1 Year | 1 Year |
| Creatinine, Urine (Enzymatic) | | Nephrology | Photometric | Urine | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Cystatin C | | Nephrology | Nephelometry | Lithium Heparin Plasma; Serum | 1 Week | 5 Weeks | 18 Months | 18 Months |
| Cystatin C (Urine) | | Nephrology | Immunoassay | Urine | Not Stable | 2 Weeks | Urine no stabilizer 1 Month; Urine with TECO stabilizer 4 Months | Urine no stabilizer 1 Week; Urine with TECO stabilizer 4 Months |
| Electrophoresis, Serum | SPEP | Nephrology | Electrophoresis | Serum | Not Stable | 1 Week | 1 Month | 1 Month |
| Electrophoresis, Urine | UPEP | Nephrology | Electrophoresis | Urine | Not Stable | 1 Week | N/A | 1 Month |
| Epidermal Growth Factor | EGF | Nephrology | EIA | Urine | 1 Week | 3 Weeks | 12 Months | 12 Months |
| Immunofixation, Serum | | Nephrology | Electrophoresis | Serum | Not Stable | 1 Week | 1 Month | 1 Month |
| Immunofixation, Urine | | Nephrology | Electrophoresis | Urine | Not Stable | 1 Week | 1 Month | 1 Month |
| Kidney Injury Molecule - 1 | KIM-1 | Nephrology | EIA | Urine | 1 Week | 1 Week | 22 Months | 22 Months |
| Kidney Injury Molecule - 1 | KIM-1 | Nephrology | EIA | Lithium Heparin Plasma | 1 Week | 1 Week | 2 Weeks (Ongoing) | 3 Months (Ongoing) |
| N-Acetyl-B-D-Glucosaminidase, Urine | NAG | Nephrology | Enzymatic | Urine | 1 Week | 1 Month | 1 Month | 4 Months |
| Nephryn, Urine | | Nephrology | EIA | Urine | 48 Hours | 1 Week | 3 Months | 9 Months |
| Neutrophil gelatinase-associated lipocalin (Blood) | NGAL | Nephrology | Immunoturbidity | EDTA Plasma | 2 Days | 1 Week | 6 Months | 6 Months |
| Neutrophil gelatinase-associated lipocalin (Urine) | NGAL | Nephrology | Immunoturbidity | Urine | 2 Days | 1 Week | 11 months | 11 months |
| Osmolality | Osmo | Nephrology | Freezing Point Depression | Urine; Serum | 7 Days | 2 Weeks | Urine: 14 Months Serum: 13 Months | Urine: 14 Months Serum: 13 Months |

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Validated Assays June 2026

| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|---|--|-----------------------------|--|--|----------------------------------|--------------------------------|--|--|
| Oxalate (Urine) | | Nephrology | Photometric | Urine | 7 Days | 2 Weeks | 1 Month (Ongoing) | 1 Month (Ongoing) |
| Phospholipase A2 Receptor, IgG | Anti-PLAR2, IgG | Nephrology | EIA | Serum | 24 Hours | 7 Days | 5 Days | 12 Months |
| Renin, Direct | | Nephrology | CLIA | EDTA Plasma | 1 Day | Not Stable | Not Stable | 6 Months |
| Transforming Growth Factor, Beta 1, Urine | TGF-B1 | Nephrology | EIA | Urine | 1 Week | 2 Weeks | 12 Months | 12 Months |
| Amyloid Beta 40 | AB40 | Neurologic | Single Molecule Array | EDTA Plasma | 8 Hours | 1 Day | 8 Months | 9 Months |
| Amyloid Beta 42 | AB42 | Neurologic | Single Molecule Array | EDTA Plasma | 8 Hours | 1 Day | 8 Months | 9 Months |
| Apolipoprotein E, Genotyping | Apo E Genotyping, Apo E by Sanger Sequencing | Neurologic | Molecular | EDTA Whole Blood | 48 Hours | 14 Days | Not Stable | 2 Years |
| Endostatin | | Neurologic | EIA | Serum | Not Stable | Not Stable | Not Stable | 14 Months |
| Glial Fibrillary Acidic Protein | GFAP | Neurologic | Single Molecule Array | EDTA Plasma | 7 Days | 2 Weeks | 12 Months | 9 Months |
| Huntington's Disease Genotyping | HD Genotype | Neurologic | Fragment Analysis | K2 EDTA Plasma | 48 Hours | 14 Days | Not Stable | 2 Years |
| Neurofilament Light Chain | NFL | Neurologic | Single Molecule Array | EDTA Plasma | 7 Days | 2 Weeks | 12 Months | 12 Months |
| pTAU-181 | Threonine 181 | Neurologic | Single Molecule Array | EDTA Plasma | 7 Days | 2 Days | 12 Months | 12 Months |
| pTAU-217 | | Neurologic | Single Molecule Array | EDTA Plasma | 1 Day | 1 Day | 7 Days | 3 Months |
| Beta Carotene | | Nutritional | UPLC | EDTA Plasma; Serum | 3 Weeks | 3 Months | 4 Months | 1 Year |
| Folate | | Nutritional | ECLIA | Serum | Not Stable | 2 Days | 1 Month | 13 Years |
| Vitamin A | Retinol | Nutritional | UPLC | EDTA Plasma; Serum | 1 Week | 1 Week | 9 Months | 5 Years |
| Vitamin B12 | | Nutritional | ECLIA | Serum | 1 Week | 2 Weeks | 2 Months | 1 Year |
| Vitamin E, Alpha | | Nutritional | UPLC | EDTA Plasma; Serum | 1 Week | 1 Week | 2 Years | 5 Years |
| Vitamin E, Gamma | | Nutritional | UPLC | EDTA Plasma; Serum | 1 Week | 1 Week | 2 Years | 5 Years |
| Alpha Fetoprotein | AFP | Oncology | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 12 Months |
| APRIL | TNFSF13, A Proliferation-Inducing Ligand | Oncology | EIA | Serum | 2 Days | 1 Week | Not Stable | 20 Months |
| Autotaxin | ENPP-2 | Oncology | EIA | Serum | 3 Days | 3 Days | 17 Months | 17 Months |
| CA 125 | Carbohydrate Antigen 125; Cancer Antigen 125 | Oncology | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 1 Year |
| Cancer Antigen 15-3 | | Oncology | ECLIA | Serum | 48 Hours | 5 Days | 3 Months (Ongoing) | 3 Months (Ongoing) |
| Carbohydrate Antigen 19-9 | CA 19-9 | Oncology | | Serum | 7 Days | 14 Days | 12 Months | 12 Months |
| Carcinoembryonic Antigen | CEA | Oncology | ECLIA | Serum | 1 Week | 1 Week | 1 Year | 1 Year |
| CK- 18, M30 Apoptosense | CK, 18, soluble caspase-cleaved keratin 18 | Oncology | EIA | EDTA Plasma; Serum | 2 days | 1 week | 21 Months | 21 Months |
| CK-18, M65 EpiDeath | | Oncology | EIA | Serum | 1 Day | 4 Days | 1 Week | 11 Months |
| Connective Tissue Growth Factor | CTGF | Oncology | EIA | EDTA Plasma | 1 Week | 1 Week | 3 Months | 12 Months |
| CYFRA21-1 | Cytokeratin 19 Fragment | Oncology | CLIA | K3 EDTA Plasma; Lithium Heparin Plasma; Sodium Heparin Plasma; Serum | 4 Days | 4 Days | 12 Months | 12 Months |
| DPYD qPCR | DPYD allele (5 SNP) detection | Oncology | qPCR | EDTA Whole Blood, EDTA Plasma | 48 Hours | 1 Week | 1 Year (whole blood); 16 Years (Extracted DNA) | 1 Year (whole blood); 16 Years (Extracted DNA) |
| Fecal Occult Blood | FOB, iFOB | Oncology | Immunochromatography | Feces | 8 Days | 6 Months | 2 Years | N/A |
| Fibroblast Growth Factor 2 | FGF-2, bFGF | Oncology | EIA | Serum; Urine | Serum: Not Stable; Urine: 3 Days | Serum: 2 Weeks; Urine: 2 Weeks | Serum: 7 Months; Urine: Not Stable | Serum: 12 Months; Urine: 5 Months |
| Fibroblast Growth Factor 21 | FGF-21 | Oncology | EIA | Serum | 1 Week | 3 Weeks | 1 Year | 19 Months |
| Fibroblast Growth Factor 23 | FGF-23 | Oncology | EIA | Serum | 5 Days | 1 Week | 2 Years | 11.5 Months |
| Fibronectin | | Oncology | EIA | Serum | 7 Days | 2 Weeks | 2 Months | 10 Months |
| Glypican-3 (GPC3) | GCP3 | Oncology | EIA | Serum | Not Stable | Not Stable | 2 Weeks | 6 Months |
| High Mobility Group Protein B1 | HMGB1 | Oncology | EIA | Serum | Not Stable | 1 Week | 1 Week | 3 Months (ongoing) |
| Human Platelet Factor 4 | CXCL4, PF4 | Oncology | EIA | Serum | 1 Day | 1 Day | 3 weeks | 4 months |
| Mesothelin | Mesothelin | Oncology | EIA | Serum | 7 Days | 2 Weeks | 14 Months | 14 Months |
| Midkine | | Oncology | EIA | Citrate Plasma; Heparin Plasma; Serum | 1 Week | 1 Week | 3 Months | 3 Months |
| Neuron Specific Enolase | NSE | Oncology | ECLIA | Serum | <1 Day | 1 Day | 3 Months | 3 Months |
| Prostate Specific Antigen | PSA | Oncology | ECLIA | Serum | 24 Hours | 5 Days | 6 Months | 5 Years |
| S-100 | | Oncology | ECLIA | Serum | <1 Day | 2 Days | 3 Months | 3 Months |
| S100A8/S100A9 | | Oncology | EIA | Serum | 24 Hours | 2 Days | 3 Months | 12 Months |
| UGT1A1 Genotyping | UDP glycosyltransferase | Oncology | PCR | K2 EDTA Plasma, Extracted dna | 48 Hours | 1 Week | Not Stable | 2 Years |
| Vascular Adhesion Molecule 1 | VCAM-1, sVCAM-1 | Oncology | EIA | Serum | 7 days | 2 weeks | 11 Months | 12 Months |
| Vascular Endothelial Growth Factor | VEGF, VEGF-A | Oncology | EIA | EDTA Plasma; Serum | 1 Week | 3 Weeks | 33 Months Serum, 1 Year EDTA Plasma | 33 Months Serum, 1 Year EDTA Plasma |
| Vascular Endothelial Growth Factor Receptor 2 | VEGF-R2 | Oncology | EIA | EDTA Plasma; Heparin Plasma; Serum | 1 Week | 1 Week | 16 Months | 16 Months |
| VHL Mutation Detection by MLPA | | Oncology | Multiplex Ligation-dependent Probe Amplification | Whole Blood | 48 Hours | 14 Days | Not Stable | 2 Years |
| VHL Mutation Detection by Sanger Sequencing | | Oncology | Sanger DNA Sequencing | Whole Blood | 48 Hours | 14 Days | Not Stable | 2 Years |
| Alpha glutathione S-transferase | Alpha-GST | Renal | EIA | Urine | 7 Days | 2 Weeks | 1 Month | 12 Months |

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| Analyte | Aliases | Category / Therapeutic Area | Method | Sample Type(s) | Stability (Ambient) | Stability (2-8 C) | Stability (-20 C) | Stability (-70 C) |
|---|---|-----------------------------|-----------------|---|---------------------|-------------------|--------------------|--------------------|
| Ceruloplasmin | | Renal | Immunoturbidity | Serum | 3 Days | 1 Week | 3 Months | 7 Months |
| Clusterin, R&D | Apolipoprotein J, Sulfated Glycoprotein 2, TRPM-2, or SP-40 | Renal | EIA | Urine | 4 Hours | 4 Hours | 7 Days | 1 month (ongoing) |
| Fibroblast Growth Factor 23, C-terminal | FGF-23, cFGF-23 | Renal | EIA | K2 EDTA Plasma | 7 Days | 14 Days | 15 Months | 20 Months |
| Fibroblast Growth Factor 23, Intact | FGF-23 (intact); iFGF-23 | Renal | EIA | K2 EDTA Plasma | 1 Day | 1 Day | 12 Months | 12 Months |
| RNA Concentration | | RNA | RNA Extraction | EDTA Whole Blood | 3 Days | 5 Days | 8 Years | 8 Years |
| RNA Integrity Number | RIN | RNA | RNA Extraction | EDTA Whole Blood | 3 Days | 5 Days | 8 Years | 8 Years |
| RNA Yield | | RNA | RNA Extraction | EDTA Whole Blood | 3 Days | 5 Days | 8 Years | 8 Years |
| Thyroid Stimulating Immunoglobulins | TSI | Thyroid | CLIA | Serum | 24 Hours | 7 Days | 12 Months | 12 Months |
| Urinalysis, Chemical Profile (bilirubin, blood, color, glucose, ketone, leukocyte esterase, nitrite, pH, protein, specific gravity, urobilinogen) | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Clarity | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Bilirubin | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Blood | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Color | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Glucose | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Ketone | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Leukocyte esterase | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Nitrite | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: pH | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Protein | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Specific gravity | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Chemical Profile: Urobilinogen) | UA, Dipstick | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| Urinalysis, Confirmation: Ictotest | | Urinalysis | Manual | Urine | 3 Days | 3 Days | N/A | N/A |
| Urinalysis, Confirmation: Protein by Acidification | | Urinalysis | Colorimetry | Urine | 3 Days | 3 Days | N/A | N/A |
| Urinalysis, Confirmation: Specific Gravity | | Urinalysis | Refractometry | Urine | 3 Days | 3 Days | N/A | N/A |
| Urinalysis, Microscopic Profile (bacteria, casts, crystals, RBC, WBC) | | Urinalysis | Manual | Urine | 3 Days | 3 Days | Do not freeze | Do not freeze |
| c-MET | c-Met | Various | EIA | Serum | 1 Week | 1 Month | 3 Months (Ongoing) | 3 Months (Ongoing) |
| Peripheral Blood Mononuclear Cells (PBMC) | PBMC | Various | Centrifugation | Citrate Whole Blood; EDTA Whole Blood; Sodium Heparin Whole Blood | 48 Hrs | N/A | N/A | N/A |
| Transthyretin (TTR), Genotyping | TTR Geneotyping, TTR by Sanger Sequencing | Various | Molecular | EDTA Whole Blood | 48 Hours | 14 Days | Not Stable | 2 Years |
| ADAPT score | ADAPT | | Calculation | Calculation | 2 Days | 7 Days | 12 Weeks | 24 Months |
| Anti-Mullerian Hormone | | | ECLIA | Serum | 3 Days | 5 Days | 6 Months | 6 Months |
| Apolipoprotein (a)-linked Oxidized Phospholipid | Apoa OxPI | | EIA | EDTA Plasma;#Serum | 1 Day | 1 Day | 6 Months | 24 Months |
| Apolipoprotein B-linked Oxidized Phospholipid | ApoB OxPI | | EIA | EDTA Plasma;#Serum | 4 Hours | 1 Day | 6 Months | 24 Months |
| Caspase-1 | | | EIA | Serum | 4 Hours | 2 Days | 1 Month (Ongoing) | 6 Months (Ongoing) |
| CXCL1 | CXCL1 | | EIA | Lithium Heparin Plasma | 7 Days | 1 Day | 2 Months (ongoing) | 2 Months (ongoing) |
| Cyclic GMP | cGMP | | EIA | Urine | 2 Days | 7 Days | 7 Days | 18 Months |
| Flow Cytometry, B Cell Panel | CD45, CD19, CD24, CD27, CD38, CD20, CD21, IgM, IgD, Zombie Aqua | | Flow Cytometry | EDTA Whole Blood | N/A | 24 Hours | N/A | N/A |
| Interleukin -18 Binding Protein | IL-18BP | | EIA | Serum | 7 Days | 2 Weeks | 9 Months | 11 Months |
| Myostatin | GDF-8 | | EIA | Serum | 24 Hours | 4 Days | 7 Months | 17 Months |
| N-Terminal pro-peptide of type III collagen (PRO-C3) | PRO-C3 | | ECLIA | Serum | 2 Days | 7 Days | 12 Weeks | 24 Months |
| Plasminogen Concentration | | | Nephelometry | Na Citrate Plasma | 7 Days | 14 Days | 12 Months | 12 Months |
| Renin | | | EIA | Urine | 1 Day | 1 Day | 7 Days | 12 Months |
| Thiobarbituric Acid Reactive Substances | TBARS | | EIA | Serum | | | | |
| Thymidine Kinase 1 | TK210 | | EIA | Serum | 24 Hours | 2 Days | 2 Weeks (ongoing) | 2 Weeks (ongoing) |
| uPAR | | | EIA | Serum | 3 Days | 3 Days | 1 Month (ongoing) | 1 Month (ongoing) |