

Add On Stability Guide
Department of Clinical Laboratories
The Ohio State University Wexner Medical Center

This document is to serve as a guide for add-on testing and does not cover all situations. The laboratory still can refuse a specimen for an add-on test due to special circumstances, temperature requirements, and/or specimen quality.

| Chemistry Tests – Serum/Plasma | | | |
|--|------------------------------|----------------------------|--------|
| <i>Chemistry specimens are kept refrigerated 5 days. These tests are available for add on for up to 5 days.</i> | | | |
| Albumin | CK | Lithium | |
| Amylase | Creatinine | Lipase | |
| ALT (Alanine Aminotransferase) | CRP | Magnesium (Mg) | |
| AST (Aspartate Aminotransferase) | Bilirubin, Total and Direct | Potassium (K) | |
| B-Hydroxybutyrate (<i>spun</i>) | Iron | Total Protein (TP) | |
| BUN | GGT | Sodium (Na) | |
| Calcium | Glucose | Phosphorus | |
| Cholesterol | IgA, IgG, IgM | Triglyceride (TG) | |
| Chloride | HDL / LDL | Uric Acid | |
| <i>Other chemistry tests – add-on stability for refrigerated specimens</i> | | | |
| Vancomycin (Peak and Trough) | 24 hours | Carbamazepine | 2 days |
| Ethanol | 24 hours | | |
| Tobramycin (peak and trough) | 2 hours | LD (Lactate Dehydrogenase) | 2 days |
| Gentamycin | 2 hours | Phenytoin | 2 days |
| | | Phenobarbital | 2 days |
| OSMO | 3 hours | Theophylline | 2 days |
| LD (Lactate Dehydrogenase) | 2 days / 6 hours RT | Valproic Acid (VPA) | 2 days |
| CO2 – protected from air | 1 day | | |
| | | ALP (Alkaline Phosphatase) | 4 days |
| Transferrin | 3 days | | |
| MONO | 72 hours | | |
| <i>Not available for Add On</i> | | | |
| Ammonia | Lactate | | |
| Renin | Tobramycin (Peak and Trough) | | |
| | Calcitonin | | |

| Chemistry Tests - Urine | | |
|---|------------------------------|----------------------|
| <i>Urine chemistries can NOT be added onto specimens that have been analyzed for urine screen or urine microscopic. Other previous urine chemistry must already exist.</i> | | |
| Amylase, Calcium, Chloride, Creatinine, Potassium, Magnesium, Sodium, Uric Acid | Within 2 hours of collection | |
| Urea | 5 days | |
| Phosphorus | 5 days | If kept refrigerated |

| Immunochemistry Tests – Serum/Plasma | | |
|--|--------------|-------------------|
| <i>Chemistry specimens are kept refrigerated.</i> | | |
| BNP – 24 hours | | Troponin – 3 days |
| <i>Chemistry specimens are kept refrigerated. These tests are available for 48 hours.</i> | | |
| BR27.29 | | Procalcitonin |
| CA199 | Ferritin | Progesterone |
| <i>Chemistry specimens are kept refrigerated. These tests are available for 5 days.</i> | | |
| CA125 | Free T3 | PSA |
| CEA | Free T4 | T3 |
| CKMBR (research only) | FSH | Tuptake |
| Cortisol | QBHCG / HCG | T4 |
| Digoxin | Homocysteine | Testosterone |
| E2 | LH | TSH |
| Folate | Prolactin | Vitamin B12 |

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| Chemistry Tests - Fluids | |
|--------------------------|--------|
| Glucose, CSF | 5 days |
| Lactate | 3 day |
| Total Protein, CSF | 5 days |
| | |

| Hematology Tests | |
|---|----------|
| CBC (including H/H) and Platelets | 24 hours |
| Electronic Differential / Manual Differential | 24 hours |
| Reticulocytes | 24 hours |
| ESR (Sed Rate) | 4 hours |

| Coagulation Tests | |
|-----------------------------|---|
| PT/INR | 8 hours uncapped / 24 hours when capped (extra tubes only, no other testing has been performed) |
| PTT | 4 hours |
| Thrombin Time (TT) | 8 hours |
| Fibrinogen (FIB) | 8 hours |
| HSDDI | 8 hours |
| Special Coagulation Testing | Call Lab (must be platelet poor and frozen within 4 hours of draw) |

| Toxicology Tests – Serum/Plasma | |
|---|--|
| 24 hours Sirolimus (SIRO) Tacrolimus (TACRO) Cyclosporin (CSAN and CSAN2) | 7 Days Ethylene Glycol (serum, refrigerated) Cyclic Citrillinat. Peptide Ab (ACCP - refrigerated) |

| Other Tests | |
|--|--|
| ABG / Blood Gases are not available for add on testing | |
| Urinalysis Specimens for urine screen / microscopic | 2 hours |
| Fluid specimens (Fluid count / fluid differential) | 24 hours |
| Direct Antiglobulin Test only (DATO) | Within 48 hours of Type and Crossmatch being drawn |
| Cord Blood Evaluation | Within 48 hours of specimen receipt |

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| Special Function / Immunology Tests – Serum/Plasma | | | |
|--|--|---|----------|
| <i>Immunology specimens are kept refrigerated.</i> | | | |
| The Special Functions Laboratory does NOT perform testing 7 days a week. Many tests are batched an only run on specific days – which affects the ability to add on testing. Please refer to the Lab Guide / Master Testing Listing for specific testing days. | | | |
| 24 hours | 48 hours | 72 hours | |
| CA125 Complement C3 / C4 Gastrin Releasing Peptide Human Pancreatic Polypeptide (EDTA) Inhibin A Insulin Growth Factor 1 (IGF1) Neurotension Pancreastin (EDTA) Substance P (SUBP) Vasoactive Intestinal Peptide (VIP) | Anti-Liver-Kidney Microsomal antibody (LKM) Anti-myeloperoxidase antibody Hepatitis B Core IgM Herpes I and II IgM IPTH Lyme Antibody Plasma hemoglobin (SHGB) Proteinase 3 Abs (PR3AB) Thyroglobulin Antibodies | Alpha Fetoprotein Alpha-1 Antitrypsin ANA by IFA (ANAB) Anti-Streptolysin O (ASO) Ceruloplasmin CMV IgG Fungal Abs Immunodiffusion (AGEL) H. pylori Haptoglobin Hepatitis B Core Total, Surface Antibody, Antigen IgE Microalbumin Mycoplasma Prealbumin Thyroglobulin (THYR) | |
| These tests are available for 5 days | | | |
| Aldosterone ANA Screen Anti-mitochondrial antibody (AMA) Anti-Neutrophil Cytoplasmic Antibody (ANCA) Anti-Thyroid Peroxidase Antibodies (MIAN) B2M Epstein-Barr Virus IgG / IgM Feel Light Chains (Kappa and Lambda) Hepatitis A Ab (G+M) (HAABG) Hep B e Antigen Hepatitis A Virus IgM, Total Hepatitis C Antibody | BioRad Multi-spot HIV HPV DNA HSV1 and HSV2 insulin Legionella Urinary Antigen Monoclonal Protein Quantification Mumps Parietal Cell Ab (PCA) Plasma Hemoglobin | Rheumatoid Factor (RF) Rubeola IgG Rubella IgG Protein Electrophoresis Smooth Muscle Ab (SMA) Sex Hormone Binding Globulin Syphilis IgG Toxoplasmosis IgG / IgM Unconjugated Estriol Varicella Zoster IgG Vitamin D | |
| Other immunology / special function tests – add-on stability for refrigerated specimens | | | |
| C Peptide | 3 hours | Cryptococcal Antigen | 3 days |
| Gastrin | 4 hours | | |
| Glucagon | 4 hours | CA153 | 5 days |
| | | RPR | 5 days |
| Human Growth Hormone (HGH) | 8 hours | | |
| DHEA-SO4 | 2 days | Hep B e Antibody | 5 days |
| CMV IgM | 2 days | | |
| Other immunology / special function tests – add-on stability for whole blood lavender (EDTA) | | | |
| G6PD | 24 hours | Hemoglobin Evaluation on Variant II | 24 hours |
| Glycated Hemoglobin HA1c | 24 hours | Sickle Quik | 24 hours |