

**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.***

<b>Chemistry Tests – Serum/Plasma</b>			
<b><i>Chemistry specimens are kept refrigerated 5 days. These tests are available for add on for up to 5 days.</i></b>			
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	
<b><i>Other chemistry tests – add-on stability for refrigerated specimens</i></b>			
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		
<b><i>Not available for Add On</i></b>			
Ammonia	Lactate		
Renin	Tobramycin (Peak and Trough)		
	Calcitonin		

<b>Chemistry Tests - Urine</b>		
<b><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></b>		
Amylase, Calcium, Chloride, Creatinine, Potassium, Magnesium, Sodium, Uric Acid	Within 2 hours of collection	
Urea	5 days	
Phosphorus	5 days	If kept refrigerated

<b>Immunochemistry Tests – Serum/Plasma</b>		
<b><i>Chemistry specimens are kept refrigerated.</i></b>		
BNP – 24 hours		Troponin – 3 days
<b><i>Chemistry specimens are kept refrigerated. These tests are available for 48 hours.</i></b>		
BR27.29		Procalcitonin
CA199	Ferritin	Progesterone
<b><i>Chemistry specimens are kept refrigerated. These tests are available for 5 days.</i></b>		
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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<b>Chemistry Tests - Fluids</b>	
Glucose, CSF	5 days
Lactate	3 day
Total Protein, CSF	5 days

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

<b>Coagulation Tests</b>	
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)

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

<b>Other Tests</b>	
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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<b>Special Function / Immunology Tests – Serum/Plasma</b>			
<i>Immunology specimens are kept refrigerated.</i>			
<b>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.</b>			
<b>24 hours</b>	<b>48 hours</b>	<b>72 hours</b>	
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)	
<b>These tests are available for 5 days</b>			
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	
<b>Other immunology / special function tests – add-on stability for refrigerated specimens</b>			
	C Peptide 3 hours  Gastrin 4 hours Glucagon 4 hours  Human Growth Hormone (HGH) 8 hours  DHEA-SO4 2 days CMV IgM 2 days	Cryptococcal Antigen 3 days  CA153 5 days RPR 5 days  Hep B e Antibody 5 days	
<b>Other immunology / special function tests – add-on stability for whole blood lavender (EDTA)</b>			
	G6PD 24 hours Glycated Hemoglobin HA1c 24 hours	Hemoglobin Evaluation on Variant II 24 hours Sickle Quik 24 hours	