

Specimen Stability (addon)
Elliot Hospital Laboratory
Manchester, NH

Assay	Stability	Specimen Type
A1C	6days at 4c	EDTA whole blood
Albumin	3 days at 4c	serum, lithium heparin plasma
Alcohol,blood	<1 hr once tube is popped	serum, lithium heparin plasma
Alkaline Phos	6 days at 4c	serum, lithium heparin plasma
ALTI	6 days at 4c	serum, lithium heparin plasma
Ammonia	on ice, assay within 20 minutes of collection	lithium heparin plasma
Amphetamines, Urine	up to 24 hours at 4c	urine
Amylase	6 days at 4c	serum, lithium heparin plasma
ANA, IFA	8 hours at RT, 48 hours at 4c, -20c if longer	serum
AST	6 days at 4c	serum, lithium heparin plasma
Barbiturates, urine	up to 24 hours at 4c	urine
Beta Hydroxybutrate	up to 6 days at 4c	serum/plasma
Benzodiazepines, urine	up to 24 hours at 4c	urine
Bilirubin, direct	5 days at 4c,protected from light	serum, lithium heparin plasma
Bilirubin, total	5 days at 4c, protected from light	serum, lithium heparin plasma
BUN	6 days at 4c	serum, lithium heparin plasma
**BNP, NT-pro	3 days at 4c or 20-25c, -20c for 12 months	**lithium heparin plasma
Ca125	24 hours at 4c, -20c if longer	serum
**Calcium	**2 days at 4c	serum, lithium heparin plasma
CEA	48 hours at 4c, -20 if longer	serum
Chloride	6 days at 4c or RT	serum, lithium heparin plasma
Cholesterol	6 days at 4c	serum, lithium heparin plasma
CK	6 days at 4c	serum, lithium heparin plasma
CO2	<1 hour uncapped, 3 days tightly capped at 4c	serum, lithium heparin plasma
Cocaine	24 hours at 4c	urine
Cortisol	48 hours 4c, -20c if longer	serum
**Creatinine,serum	**3 days at 4c	serum, lithium heparin plasma
Creatinine, urine	4 days at 4 c	urine
**CRP	**3 days at 4c	serum, lithium heparin plasma
**cPSA	**2 days at 4c, -20 c indefinitely	serum
**Digoxin	** 2 days at 4c	serum
Estradiol	48 hours at 4c, -20 if longer	serum
**Ferritin	**2 days at 4c,	serum, lithium heparin plasma
FSH	48 hours at 4c, -20 if longer	serum
**Folate	**2 days at 4c	serum, lithium heparin plasma
**FRT3	**2 days at 4c	**serum
**FRT4	**2 days at 4c	**serum
**Glucose	**3 days at 4c	serum, lithium heparin plasma
Gliadin, Anti DPG	8 hours at RT, 48 hours at 4c, -20c if longer	serum
GGT	6 days at 4c	serum, lithium heparin plasma
** HCG quant	**2 days at 4c	**serum
HCG (qual)	serum 2 days at 4c; urine 3 days at 4c	serum
**Hepatitis A (IgM)	**6 days at 4c	serum
**Hepatitis B core IgM	**2 days 4c	serum
Hepatitis B Surface A	6 days at RT, 6 days at 4c,	serum
Hepatitis B Surface Ag	14 days at 4c,	serum
Hepatitis C AB	6 days at 4c	serum
HDL	6 days at 4c	serum, lithium heparin plasma
HIV	6 days at 4c	serum
Homocysteine	48 hours at 4c, -20c for 13 weeks	serum
**hsCRP	**3 days at 4c	serum, lithium heparin plasma
IBC	6 days at 4c	serum
IgA	6 days at 4c	serum, lithium heparin plasma
IgG	6 days at 4c	serum, lithium heparin plasma

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IgM	6 days at 4c	serum, lithium heparin plasma
Insulin	24 hours at 4 c, -20 if longer	serum
Iron	6 days at 4c	serum
Lactic Acid	immediately must be on ice	Na flouride/K oxalate (grey)
LD	3 days at room temp	serum, lithium heparin plasma
LDL	3 days at 4c	serum, lithium heparin plasma
LH	48 hours at 4c, -20 if longer	serum
Lipase	6 days at 4c	serum, lithium heparin plasma
Lithium	6 days at 4c	serum
Methadone, urine	up to 24 hours at 4c	urine
Magnesium	6 days at 4c	serum, lithium heparin plasma
MMB	3 days at 4c	serum, lithium heparin plasma
Opiates	up to 24 hours at 4c	urine
PCP	up to 24 hours at 4c	urine
**Phenobarbital	** 2 days at 4c	serum
**Phenytoin	** 2 days at 4c	serum
Phosphorous	6 days at 4 c	serum, lithium heparin plasma
Potassium	6 days at 4c	serum, lithium heparin plasma
Prealbumin	6 days at 4c	serum, lithium heparin plasma
Progesterone	48 hours at 4c, -20 if longer	serum
Prolactin	48 hours at 4c, -20 if longer	serum
Protein, total	3 days at 4c	serum, lithium heparin plasma
PSA	48 hours at 4c, -20 if longer	serum
PTH (intact)	8 hours room temp, 48 hours at 4c,	serum
RF	6 days at 4c	serum
Rubella	6 days at 4c, -20 if longer	serum
Salicylate	6 days at 4c	serum
Sodium	6 days 4c	serum, lithium heparin plasma
Testosterone	48 hours at 4c, -20 if longer	serum
Tissue		
Transglutaminase,	8 hours at RT, 48 hours at 4c, -20c if longer	serum
**T4	**2 days at 4c	serum
**T3	** 2 days at 4c	serum
**TU	2 days at 4c	**serum
**TSH	**2 days at 4c	serum,lithium heparin plasma
THC urine	up to 24 hours at 4c	urine
Triglycerides	6 days at 4c	serum, lithium heparin plasma
**Troponin I	**rm temp up to 4 hrs, 1 day at 4c	serum, lithium heparin plasma
Vitamin D	5 days at 4c	serum
**Uric Acid	**3 days at 4c	serum, lithium heparin plasma
**Vitamin B12	** 2 days at 4c	**serum
Profiles:		
CMP	up to 3 days at 4c	serum,lithium hep plasma
BMP	up to 3 days at 4c	serum,lithium hep plasma
CDSC	8 hours rm temp,48 hours at 4c	serum.