

Test Name	Preferred Tube	Also Accept.	Min. Vol (mL)	PREFERRED TUBE handling instructions All refrigerated except where noted
A1c (Hgb A1c)	Lavender		1	Whole Blood
Albumin Lvl	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Alk Phos	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
ALT	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Ammonia Level (inpatient)	Lavender		2	15 min to lab on ICE LOOK+LOOK Check Catalog
Amylase	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
AST	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Basic Metabolic Panel	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Bilirubin Total and Direct	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs **Protect from light
BNP NT-Pro BNP	Lt Green		2	Spin & aliquot within 2 hrs Must be Venipuncture
BUN	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Calcium Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Carbamazepine Lvl (Tegretol)	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
CBC	Lavender		0.5	Whole Blood Ambient 8 hrs; Refrigerated 24 hrs
Cholesterol	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
CK / CPK	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Complete Metabolic Panel	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Cortisol Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate draw time
Creatinine Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
CRP or CRP Ultrasensitive	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Digoxin Level (Lanoxin)	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Electrolytes (Lytes)	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Ferritin	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Fibrinogen	Lt Blue		Full	Spin within 4 hrs Freeze plasma in 2 - 3 aliquot tubes
Folate Level (Folic Acid)	Gold		2	Allow to clot 30 min Spin within 2 hrs *Fasting preferred **Protect from light
Free T4	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
FSH	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Gentamicin Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Glucose	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Glucose Fasting	Gray	Gold	1	Whole blood
Glucose Tolerance	Gray	Gold	1	Whole blood
HDL Cholesterol	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Hemoglobin and Hematocrit	Lavender		1	Whole Blood
Hepatic Function Panel (Liver)	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Hepatitis Tests or Panel	Gold		2	Allow to clot 30 min Spin within 2 hrs
HIV1 HIV2 Antibody/Antigen Screen	Gold		2	Allow to clot 30 min Spin within 2 hrs
Immunoglobulin A IgA	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Immunoglobulin G IgG	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Immunoglobulin M IgM	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Ionized Calcium (inpatient)	Green		1	30 min to lab LOOK+LOOK Check Catalog
Ionized Calcium (outpatient)	Gold		2	Allow to clot 30 min Spin within 2 hrs LOOK+LOOK Check Catalog
Iron/IBC (TIBC)	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Lead Level	Royal Blue	Lavender	2	Whole Blood Do not spin
Lipase	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Lipid Panel	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs *Fasting preferred
Lithium Level	Gold	Red	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Liver Panel (LFT's)	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
Magnesium Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Osmolality	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Phenobarbital Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose

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Phenytoin Level (Dilantin)	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Phosphorus Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Potassium Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Prealbumin	Gold		1	Allow to clot 30 min Spin within 2 hrs
Protein Electrophoresis (SPEP)	Gold		2	Allow to clot 30 min Spin within 2 hrs *Fasting preferred
Protein Total	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
PSA	Gold	Lt Green	2	Allow to clot 30 min Spin within 2 hrs
PT/INR Prottime	Lt Blue		Full	Platelet Poor Plasma Ambient unless drawn with PTT
PTH Intact	Gold		2	Allow to clot 30 min Spin within 2 hrs
PTT/APTT	Lt Blue		Full	Spin within 4 hrs Freeze plasma in 2 - 3 aliquot tubes
Retic Count w/Retic Hemoglobin	Lavender		1	Whole Blood
Sed Rate	Lavender		1	Whole Blood
Sodium Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Syphilis Total	Gold		1	Allow to clot 30 min Spin within 2 hrs
Theophylline Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Tobramycin Level	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Transferrin	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Triglycerides	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs *Fasting preferred
Troponin T	Lt Green		2	Spin within 2 hours Must be Venipuncture
TSH	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Type and Screen	Pink	Lav	2	LOOK+LOOK Check Catalog
Urea Nitrogen (BUN)	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Uric Acid	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs
Valproic Acid (Depakote)	Gold	Lt Green	1	Allow to clot 30 min Spin within 2 hrs Indicate last dose
Vancomycin Level	Red		1	Spin within 2 hrs aliquot -plastic vial Indicate last dose
Vitamin B12 Level	Gold		2	Allow to clot 30 min Spin within 2 hrs *Fasting preferred **Protect from light
Vitamin D 25 Hydroxyvitamin	Gold		2	Allow to clot 30 min Spin within 2 hrs
Zinc	Royal Blue		2	Allow to clot 30 min Separate serum and RBCs within 4 hrs.

Color/Type	Additive	General Instructions/Notes (always refer to the test catalog for processing)
Light (Lt.) Blue (2.7 or 1.8 mL) Coag	Sodium Citrate	Fill to lin (full tube). 3-4 inversions. Discard tube needed if using butterfly. See catalog for PPP
Royal Blue Trace Elements (red stripe)	No Additive	8-10 inversions. See catalog for further instructions
Red	No Additive	5 inversions. Clot 30-60 min. before spin.
Gold Serum Separator SST	Clot Activator + Gel	5 inversions. Clot 30 min. Spin within 2 hrs.
Light Green (Mint)	Lithium Heparin Gel	8-10 inversions. Spin within 2 hrs.
Green	Sodium Heparin	8-10 inversions. Spin within 2 hrs.
Pink	EDTA	8-10 inversions. Blood bank requires 2 signatures
Lavender	EDTA	8-10 inversions. Blood bank requires 2 signatures
Royal Blue (Lavender Stripe)	EDTA	8-10 inversions. See catalog for further instructions
Gray	Potassium Oxalate & Sodium Fluoride	8-10 inversions.

*Fasting preferred but not required: 8 - 12 hours. No food, drink, smoking, chewing gum, candy, cough drops, etc. | Water OK

**Protect from light: Use foil wrapping or amber aliquot/pour-over tubes.