

Corewell Health Laboratory

Blood collection guide

Corewell Health Laboratory's tube chart shows the most commonly ordered tests with their associated specimen tube. Scan the QR Code to confirm proper preparation and most updated tube type at our laboratory test directory or call our client service department at **800.551.0488**.



Serum separator tube (SST)

Acute Hep Pl.	BUN	FSH	Homocysteine	Magnesium	Renal Func. Pl.
AST	Creatinine	HBcAB, Total	HSV I & 2, IgG	Phosphorus	Rheum. Factor
ALT	CRP-HS	HBsAg	Ionized Calcium†	Potassium	RPR
Amylase	Comp. Met. Pl.	HBsAb	Iron/TIBC	Progesterone	T4, Free
Alk. Phos.	Electrolytes Pl.	HCV Ab	LD	Protein Electro	Testosterone
Basic Met Pl.	Ferritin	hCG Beta	Lipase	Protein, Total	TSH
Beta Hydroxybutyrate	Folic Acid	Quant	Lipid Pl.	PSA	Uric Acid
Bilirubin	FRT3	Hepatic Func. Pl.	LH		Vit. B-12
					Vit. D, 25 Hydrox

Lavender tube K₂ EDTA

Ammonia ^o	Factor V Leiden	Hemoglobinopathy	Retic Count	PTH
BNP	Hgb A1C	Evaluation	Sed Rate	Vit. B-6**
CBC/Plt	Hemoglobin and	HIV Quant	HIV 1/2 Ab	Vit. B-1 (Thiamin)*
CBC/Diff & Plt	Hematocrit	Path Consult		

Light blue 3.2% sodium citrate

Anti-Thrombin III *	Factor V Activity *	Protein C Activity *
D-Dimer *	Hexagonal Phase Phospholipid *	Protein S Activity *
DRVVT *	Inhibitor Screen *	PTINR
		PTT

Key

- * Frozen pour over – special preparation
- † Must be spun and not exposed to air
- †† Must be spun and refrigerated for transport to laboratory
- ∞ Plasma must be separated and frozen
- * Protect from light

Red tube PLAIN

Carbamazepine	Phenytoin, Free	Valproic Acid
Digoxin	Theophylline	Vancomycin
Phenobarbital	Tobramycin	
Phenytoin		

Pink tube EDTA

ABO & RH Type
Ab Screen, RBC
ABO
RH Type

Pearl tube EDTA Plasma gel sep.

High Sensitivity Troponin††

Grey tube Potassium oxalate/sodium fluoide

Glucose Tolerance Test	Glucose Tolerance 3hr., Pregnancy
Glucose Pregnancy Screen, 1hr.	Lactic Acid
Glucose Tolerance 2hr., Pregnancy	

Light green tube Lithium/heparin plasma gel sep.

Procalcitonin††

Royal blue tube EDTA

Lead Level, Whole Blood	Magnesium, RBC
Heavy Metals Screen	Mercury
	Zinc RBC

Royal blue tube Plain

Aluminum	Nickel
Copper	Zinc Level
Manganese	