

GUNDERSEN HEALTH SYSTEM LABORATORY SPECIMEN REQUIREMENTS

For complete listing, refer to Gladiator /Internal Sites/Department Web sites/Laboratory/Specimen Requirements or call 53999

Note: The first tube listed is the tube of choice, but second/third is acceptable. See backside for Notes.

ABORH – LAV	CO2 – GRN/SST	Lactic Acid – Gray on ice <u>must be</u> <u>off cells within 15 min. of draw</u>	ROTEM- (LaCrosse and Ona ONLY)
Acetaminophen/Tylenol – GRN/SST/PRT	Cortisol – GRN/SST	LDH – GRN/SST (La Crosse - SST/GRN)	---Blue use kit bag
Albumin – GRN/SST/PRT	CPK – GRN/SST	Lead – Metal free EDTA	___BLU – fill line
*Alcohol (Medical) – Grey/ GRN/SST/PRT- do not use	Creatinine – GRN/SST	LH – SST/GRN	-- Must be tested w/in 4 hours
alcohol wipe see note on back	Cryofibrinogen – 4-2.7ml BLU- 4 hr. Fast & Keep Warm	Lidocaine – PRT/LAV	Rubella – SST
Alfa-Fetoprotein (AFP) – SST/PRT	Cryoglobulins –4-4ml SST/3 PRT &4hr. Fast, Keep warm	Lipase – GRN/SST	Rubeola – SST
Alkaline Phosphatase – GRN/SST	D-Dimer – BLU- fill line	LPA (Lipoprotein Analysis) – GRN/SST	Salicylate/Aspirin – GRN/SST/PRT
A1C (Glycosylated Hgb) – LAV	Digoxin – GRN/SST/PRT	Lithium – SST/PRT	Sed Rate (ESR) – LAV (min 2.0 ml)
Ammonia (NH3) – LAV on ice	Dilantin (Phenytoin) – GRN/SST/PRT	LMW – BLU – fill line	Sickle Cell – LAV
Amylase – GRN/SST	Direct Coombs – LAV	Lymes – SST/PRT	Sodium (NA) – GRN/SST
ANA – SST	Electrolytes – GRN/SST	Magnesium (MG) – GRN/SST	SYPH-SST/PRT
Anti-DNA – SST	ENA – SST	Methotrexate – SST/PRT (Protect from light with foil and call chem prior to collection	T3 – GRN/SST
Antibody Screen – 6ml LAV	ESR/Sed Rate – LAV 2mls	Methylmalonic Acid – PRT/SST/GRN/LAV	T4 Free (FT4) – GRN/SST
Ascorbic Acid –no gel Na/Hep /GRN on Ice -12-14 hr. Fast & Protect from light	Estradiol –GRN/SST/PRT	Monotest – LAV	Tegretol/Carbamazepine – GRN/SST/PRT
AST (SGOT) – GRN/SST	Ethylene Glycol – Gray	Osmolality – GRN/SST	Testosterone (Total Only) – GRN/SST
B12- SST/Green	Factor's – BLU – fill line	P2Y12 – Use Kit	Theophylline/Aminophylline – GRN/SST/PRT
Beta HCG (Quant) – GRN/SST	Ferritin – GRN/SST	Peripheral Smear – LAV	THER–6 PRT+1 LAV Pre-Warmed
BHB- (Beta hydroxybutyrate)-GRN No gel	Fibrinogen – BLU – fill line	PFA – 2–2.7ml BLU (DO NOT SEND IN TUBE OR SPIN)	Thyroid Antibody – SST/GRN
BGVEL-Bld Gas venous <u>w/Lactate</u>	Folate – SST/GRN	PSAFT- SST/GRN/LAV	Tobramycin – PRT/SST/GRN
• On Bld Gas Syringe-venous	FSH – SST/GRN/LAV	Phenobarbital –Green/SST/PRT	Total Protein – SST
Bilirubin Grn/SST (all – protect from light)	Gamma GT (GGT) – GRN/SST/PRT	Phenytoin/Dilantin – GRN/SST/PRT	Triglycerides – GRN/SST
BNPNT (B Type Natriuretic Peptide) GRN/SST	Gastrin – SST Fasting	Phosphorus – GRN/SST	HS Troponin – GRN (draw own tube if chems also ordered)
BUN – GRN/SST	Gentamicin – GRN/PRT/SST	Platelet (PLT) – LAV	Type and Screen (TS) – 6ml LAV 1 ST initial, full last name * (Region)
CRP - GRN/SST	Glucose – GRN/SST Must be spun within ½ hour or put on ice	Potassium (K) – GRN/SST (must be spun within 1 hour)	Must have BB#
C3 – SST/GRN/PRT	Haptoglobin – SST/GRN	Primidone – PRT/GRN	TSH – GRN/SST
C4 – SST/GRN/PRT	HCG/ Pregnancy – SST/PRT	Procainamide – SST/PRT	TSTT1 - SST
CA125 – SST/GRN/LAV	HDL Cholesterol – GRN/SST/PRT	Procalcitonin- SST/PRT/GRN	Uric Acid – GRN/SST
CA19-9 – SST/GRN/LAV	Hematocrit (HCT) – LAV	Progesterone – GRN/SST	Valproic Acid – GRN/SST/PRT
Calcium – GRN/SST	Hemoglobin (HGB) – LAV	Prolactin – GRN/SST	Vancomycin –PRT
Calcium Ionized – 4ml full Li hep no gel or heparinized syringe	Hemogram (HEMG3) – LAV	PSA – SST/GRN	Varicella (VZIG) – SST
Carotene – SST/ PRT (protect from light)	Hepatitis (All) – 2 4ml SST	Protein Electro (PES) –SST/PRT	VDRL – SST
CBC – LAV	HIT – BLU – fill line	PT (INR) – BLU – fill line	VISCO – SST/PRT
CEA – SST/PRT	HIV – SST- signed consent	PTT – BLU – fill line	Vit D 25HYD – SST/PRT/GRN
CH50 – PRT	Homocysteine – GRN/SST/LAV – On ICE 4 hrs. fasting	Reticulocyte Count (RETIC) – LAV	Vit D, 1, 25-HYD – PRT/SST 4 hr. Fast preferred
Chloride – GRN/SST	IFLC – SST	Rheumatoid Factor (RH) – SST/PRT/GRN	VITE – GRN/SST/LAV, 12-14 hr. Fast
Cholesterol – GRN/SST	IMFXS- 2.0 ml SST/PRT	RMISC/OTHER – call 53150	WBC – LAV
CMVMG – SST	INR (PT) – BLU – fill line		
	Iron/Iron Binding – GRN/SST		

If you have questions regarding specimen collection or add-ons, Call 53999

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Order of Draw (Vacutainer/Syringe) and Anticoagulant in Tube:

Tube Type Abbreviations:

Blood Cultures

Blue Sodium Citrate
Pumpkin/Plain Red No Anticoagulant
Green Heparin
Lavender EDTA
Gray – Sodium Fluoride/Potassium Oxalate

Gold (aka pumpkin) SST/Serum w gel
PRT Plain Red – no gel
Blue Blu
Green Grn
BBL Blood Bank (6 ml LAV)
SPC Special – see comments on label

Order of Draw for Microtainer Collection (capillary puncture-from heel or finger):

Lavender
 Green
 Gray - Sodium Fluoride/Disodium EDTA - *This only pertains to the gray microtainers.*
 Plain Red/Yellow

NOTES:

- All tubes with additives must be gently mixed 6 – 8 times
- Blue tubes must be filled to the minimum fill line (groove in tube) – others may be half full unless specifically required to be full.
- Fill tubes from syringes immediately after draw (gently mix)
- Blood Bank Tubes MUST have 1st initial-full last name of phlebotomist. (Regional only): must also include BB#.
- Blood Cultures require a 30 second Chloraprep scrub – Alcohol for infants less than 2 months of age
- Tourniquet should not be left on longer than 2 minutes (closer to 1 minute is preferable)

Protocol Collections

<p><u>GI Profile</u> Green Amylase, Alk Phos, Alt, Bilit LAV CBC</p>	<p><u>ED Profile</u> Green Creat, Glu, NA, K, Bun LAV CBC</p>	<p><u>Hip Protocol</u> Blue PT, PTT SST HOLD Green NA, K, Bun, Glu LAV CBC LAB 6ml TS (Regional only BB arm)</p>
<p><u>Trauma Protocol</u> Blue PT, PTT Green Creat, NA, K, Glu, Amylase LAV CBC LAV 6ml TS (Regional only BB armband) Gray ETOH Gray Lactate (collect on ice) BG Syr. VBG – draw last</p>	<p><u>CCU Protocol</u> Blue PT, PTT Green Troponin Green NA, K, Glu, Creat LAV CBC LAV 6ml Hold (label for BB testing)</p>	<p><u>OB Protocol</u> Blue PT, PTT, Fib Blue Rotem Green Lytes, Creat, Ast, Alt, Glu, Mg LAV CBC Gray Lactate (collect on ice) LAV 6ml TS (Regional only BB arm) PRT HOLD(possible AFE testing)</p>