MEMORIAL HEALTH SYSTEM OF SOUTHWEST OKLAHOMA

COMMONLY USED COLLECTION TUBES

Collect in This Order

TEST TUBE COLOR	Draw Volume (mL)	SIZE (mm)	ADDITIVE / CONCENTRATION	SPECIMEN	COMMON TESTS
Blood Culture **Green** (Aerobic) **Orange**(Anaerobic) **Yellow** (Pediatric) 	10.0 10.0 4.0	30 mL 40 mL 20mL	Liquid media	Whole Blood	**Adult Blood Culture** → Collect 1 Green (10mL) and 1 Orange (10mL) per set **Pediatric Blood Culture** → Collect 1 Yellow (1-4mL) **Blood Culture Fungus** → Collect 2 Green (10 mL each) per set **Pediatric Culture Fungus** Collect 2 Yellow (1-4mL each) per set
Light Blue 	1.8	13 x 75	Buffered Sodium Citrate 0.2mL, 0.109M, 3.2%; **Minimum Fill Line**	Citrated Plasma **(Do Not Refrigerate)**	PT, PTT, Fibrinogen, D-Dimer (Frozen) Protein S or C, Coagulation Studies (Sendouts) **Frozen**
	2.7	13 x 75	Buffered Sodium Citrate 0.3mL, 0.109M, 3.2%; **Minimum Fill Line**		
	2.7	13 x 75	Buffered Sodium Citrate 0.3mL, 0.109M, 3.2%; **Minimum Fill Line**		
Red 	6.0	13 x 100	Clot Activator, Silicone Coated	Serum	Type & Screen, PREII (Blood Bank), (Sendouts)
Red-Gray / Tiger (SST) 	8.5	16 x 100	Polymer Gel, Clot Activator, Silicone Coated	Serum	Maternal Screen Sendout, Serum Chemistries
Gold (SST) 	5.0	13 x 100	Clot Activator/ Polymer Gel	Serum	Prealbumin, Folate, OSMO, Lithium, βHCG Qual, ANA, RPR
Royal Blue (Red strip on label) 	6.0	13 x 100	Serum Clot Activator (Silicone Coated)	Serum	Heavy Metal **(Not for Lead)**
Light Green (PST) 	3.5	13 x 100	Lithium Heparin 65 USP Units with Polymer Gel	Heparinized Plasma	For plasma chemistries EXCLUDING Prealbumin, Folate, βHCG Qualitative, Lithium, OSMO.
Green 	2.0	13 x 75	Lithium Heparin 37 USP Units	Whole blood	WB Panel, Ketone (β-hydroxy-butyrate), WB Tests, Ionized Calcium
Green QFT-PLUS 	6.0	11 x 75	Lithium Heparin	Whole blood **Minimum 5 mL**	**QuantiFERON (TB Gold)** Room temp 30 mins, Refrigerate (Sendout)
Green 	4.0	13 x 75	Sodium Heparin 75 USP Units	Heparinized Plasma	Chromosome Analysis
Lavender 	3.0	13 x 75	K2 EDTA 5.4mg	Whole Blood or EDTA Plasma	CBC, H&H, Retic, PLT CNT, PREII, Type & Screen, KB stain, RHIG, Cord Blood (BloodBank), A1C, Flow Cytometry, PTH, Ammonia (On ice)
	4.0	13 x 75	K2 EDTA 7.2mg		
	10.0	16 x 100	K2 EDTA 18mg		
Royal Blue 	6.0	13 x 100	K2 EDTA 10.8 mg	Whole blood	Lead and Aluminum Blood
Gray 	6.0	13 x 100	Sodium Fluoride 15 mg, Potassium Oxalate 12 mg	Plasma	Lactic Acid (Do not use tourniquet)
Light Yellow (ACD) 	8.5	16 x 100	Acid Citric Dextrose (ACD) **Solution A**: Trisodium Citrate, 22.0 g/L, Citric Acid, 8.0 g/L, and Dextrose, 24.5 g/L	Whole Blood or Plasma	HLA B 27 (Sendouts)
Lavender Microtainer 	250-500 µL	13 x 75 mm	K2EDTA 1.0 mg; **Minimum Fill Line**	Whole Blood (Minimum Fill Line)	Pediatric, Short Draw: CBC, H&H, PLT CNT
Mint Green - Amber (PST) Microtainer 	400-600 µL	4 x 50mm	Lithium Heparin 0.1-0.4mg / PST™ Gel (Amber)	Heparinized Plasma	Pediatric, Short Draw: BMP, CMP
Gold - Amber (SST) Microtainer 	400-600 µL	4 x 50mm	Clot Activator/ SST™ Gel (Amber)	Serum	Pediatric, Short Draw: BMP, CMP

For Additional In-house Laboratory Tests, please refer to our Laboratory Services Manual on MHSSWOK Intranet. For Sendout Tests, please visit Quest Diagnostics website at www.questdiagnostics.com

Serum/Plasma needed for a test? Centrifuge blood sample, and then transfer serum/plasma into a labeled transport tube using a pipette (leaving RBCs behind). Refrigerate or freeze serum/plasma if required.

Contact A Medical Laboratory Scientist If You Have Any Questions At All Times, Ext. 3364/3941/3105.
IT IS BETTER TO ASK A QUESTION THAN TO USE THE WRONG TUBE.

RECORD DATE, TIME, AND INITIAL ON ALL TUBES. For Blood Cultures and Blood Bank Specimens, Follow Departmental Established Collection Protocol (See Lab Services Manual).

Revised by Stacey Paryag-Stevens, MPA, AHI(AMT), MLS(ASCP)^{CM}; **January 2026**
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