

**Bay Area Hospital Laboratory  
Order of Tube Draw**

<b>Tube Top Color</b>	<b>Tube Name</b>	<b>Additive</b>	<b>Mix by Inverting</b>	<b>Tests Performed On</b>
Blood CX	Blood Culture Bottles (Aerobic, Anaerobic, Peds)	Liquid media	4-5 times	Blood Culture
Critical fill tube	Blue*	Citrate	3-4 times	PT, PTT, D-dimer, Hep Xa, Fibrinogen
*If using a butterfly set to draw sample, always use a discard red tube preceding the blue top tube to fill the dead space of the butterfly line completely with blood. Otherwise the tube will be under-filled and rejected.				
	Red	None	5 times	Digoxin, Vit D, Lithium
	Serum Separator (SST) Pumpkin	Gel	5-6 times	Send out Reference tests
	Light Green Plasma Separator (PST)	Lithium Heparin Gel	8-10 times	Most chemistry tests CMP, trop, TSH, HCG,
	Lavender	EDTA (contains potassium)	8- 10 times	CBC, Sed rate, A1C, Vanco Ammon: put tube on ice
Place Blood Bank Wristband on patient	Pink	EDTA	8-10 times	All Blood Bank Tests
Always put on ice	Grey	Sodium Flouride	8-10 times	Lactate

**It's important to fill tubes in the correct order so additives from the prior tube are not introduced into subsequent tubes, which can change results!**