

Order of Draw			Hemolysis Facts
Tube Color	Tube Name	Mix by Inversion	
	Blood Cultures	8 – 10 times *collect aerobic bottle first	CAUSES- <ul style="list-style-type: none">Extended tourniquet useTraumatic venipunctureSyringe pressureDrawing from a hematoma siteExtreme temperaturesPneumatic tube forces
 *fill to minimum indicator line	Light Blue (Sodium Citrate) Tubes	4 times	
 Trace Metal Serum	Red Or Gold (Serum) Tubes	5 – 10 times Clotting time: 30 minutes	
	Dark Green Or Light Green (Heparin) Tubes	8 – 10 times	
 Trace Metal EDTA	Lavender Or Pink (EDTA) Tubes	8 – 10 times	
	Grey (Sodium Fluoride) Tube	8 – 10 times	PREVENTION- <ul style="list-style-type: none">Select proper needle gaugeMake sure alcohol is completely dry before punctureUse vacuum tubes when possiblePull gently on syringe if usedEnsure good flow during venipunctureLimit tourniquet timeFully fill tubesGently mix tubesEnsure tubes protected with padding when transporting via pneumatic tube
Trace Metal Collection: Ideally trace metal tubes should be collected in a separate collection. If blood for trace metal testing is collected with other specimens, the heavy metal tube should be drawn first within its additive group as depicted.			