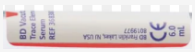
NewYork-Presbyterian

Vacutainer Order of Draw

Department of Pathology & Laboratory Medicine

ORDER OF DRAW	TUBE	TUBE TYPE	NYP LABEL NAME	INVERSIONS	CLOTTING TIME	KEY INFORMATION
START **Discard tube OR blood culture**		EST or other suitable tube*	-	Discard tube is **not required** before blood collection for blood culture bottles.*		
		Aerobic blood culture bottle BT Lytic	**BT Lytic**	Blood culture bottles are drawn at this position when ordered (in place of a discard tube).		
		Anaerobic blood culture bottle BT Resin	**BT Resin**			
1 **Coagulation tubes**		BD Light Blue Na Citrate	**LtBl NaCit**	3-4	n/a	Must fill to etched fill line on tube. Collect discard tube first.
		Ped Clear Blue Sodium Citrate	**Ped ClrBl**	3-4	n/a	Must fill to etched fill line on tube. Collect discard tube first.
		VACUETTE Blue White Sodium Citrate	**BlWt NaCit**	3-4	n/a	Must fill to etched fill line on tube. Only used for LAB5881 and LAB5882. Specimens cannot be sent via the pneumatic tube.
2 **Serum tubes, with or without separator**		Red Serum	**Red Serum**	5-6	60 min.	n/a
		Gold SST	**Gold SST**	6	30 min.	Tube contains gel separator.
3 **Heparin tubes, with or without separator**		Green Sodium Heparin	**Grn Na Hep**	8-10	n/a	Manufacturer label has green stripes. 
		Green Lithium Heparin	**Grn Li Hep**	8-10	n/a	Manufacturer label is white. 
		Mint Green PST Lithium Heparin	**MntG LiHep PST**	8-10	n/a	Tube contains gel separator. Mint green cap.
4 **EDTA tubes, with or without separator**		Lavender EDTA	**Lav 3.0 mL** **Lav 4.0 mL** **Lav 6.0 mL**	8-10	n/a	Verify correct size tube is used: 3.0 mL, 4.0 mL, or 6.0 mL.
		Pink EDTA	**Pink KEDTA**	8-10	n/a	Used for Blood Bank Specimens. Collector must sign specimen label for patient verification.
		White PPT EDTA	**Wt PPT**	8-10	n/a	Tube contains gel separator.
5 **Glucose**		Light Gray Sodium Fluoride	**Lt Gry NaF**	8-10	n/a	n/a
6 **Tubes with other additives**		Yellow ACD	**Yell ACD** **Yell ACD A** **Yell ACD B**	8-10	n/a	Verify correct solution is used: solution A vs. Solution B.
		Royal Blue EDTA Trace Element	**RylBl EDTA**	8-10	n/a	Manufacturer label has lavender line. 
		Royal Blue Serum Trace Element	**RylBlSerum**	5-6	60 min.	Manufacturer label has red line. 

IMPORTANT MIXING GUIDELINES

All BD Vacutainer® tubes, except discard tubes, require immediate mixing following collection. Insufficient mixing can result in inaccurate test results and the need to re-draw. Correct mixing technique is to gently invert (180° and back) each tube the recommended number of times shown in the Recommended Inversions column.

*Discard tube is not required before blood collection for anaerobic and aerobic blood culture bottles. n/a = not applicable

References: 1. CLSI H3-A6, 2007. **2.** Simundic AM et al. Clin Chem Lab Med. 2018;56(12):2015-2038. Adapted from BD "Venous blood sampling: Order of draw and specimen handling" (BD-93515, ©2023 BD).