























# Venous blood sampling

## Order of draw



Recommendations CLSI (NCCLS), Vol. 23, No. 32, 8.10.2

With a Needle:	With a Wingset: With Blood Culture	With a Wingset: Without Blood Culture	Recommended inversions
	Blood Culture Bottles (aerobic, anaerobic)	 Discard tube	N/A
			3-4
 	 	 	5-6
 	 	 	8-10
			8-10
			8-10
Others (ACD, VS, Aprotinine and Thrombine)	Others (ACD, VS, Aprotinine and Thrombine)	Others (ACD, VS, Aprotinine and Thrombine)	8-10

### BD Vacutainer® EST™

BD Vacutainer® EST™ has no additives and is suitable as a secondary tube for anti-coagulated blood samples, for example for taking plasma samples from blood bags. The EST can also be used as a discard tube.

### BD Vacutainer® EST tubes

Cat. no.	Draw volume (mL)	Size (mm)	Additive	Separator	Material	Label	Cap closure	Cap colour
362725	3.0	13 x 75	No additive	None	PET	See Thru	BD Hemogard™	
364917	11.0	16 x 100	No additive	None	PET	Paper	BD Hemogard™	

All tubes are supplied in boxes of 100 / cases of 1000

Colour code - followed by BD as described in ISO 6710:1995 and is used by BD for the majority of our product portfolio. Certain tubes in this catalogue do not follow the established colour code and are intended to enable tube differentiation in process automation and product flow through the laboratory. Our tubes produce a specific type of sample and the cap colour is intended to differentiate from regular tubes. If ordering these tubes, it is important to ensure that the appropriate staff in your organization is aware of these differences. Using the wrong tube for any given test may result in analytical error.