



BD Life Sciences

Preamerical Systems

Product Catalogue

Southeast Asia



BD

Advancing the
world of health

BD Vacutainer® Tube Information

BD Hemogard™

BD Vacutainer® Blood Collection Tubes incorporate the latex-free BD Hemogard™ closure¹, which has two parts: an inner stopper and an outer protective cap. The BD Hemogard™ closure protects the user from contact with patients' blood and is easier to remove than conventional stoppers², and The BD Hemogard™ closure may also be removed using an automated system. BD Vacutainer® Blood Collection Tubes can be recapped using secondary over-caps.

BD Microgard™

The BD Microgard™ closure helps protect the healthcare worker from exposure to potentially infected blood with the "twist assist" cap which reduces the risk of splatter upon removal of the cap.

Tube Dimensions

BD Vacutainer® tubes come in three main sizes, each with a range of different draw volumes.

Other sizes are available and the offering varies from tube to tube.

For details of tube sizes per additive please refer to the relevant tube section.



13mm x 75 mm



1.8 mL
2 mL
2.5 mL
2.7 mL
3 mL
3.5 mL
4 mL
4.5 mL
5 mL

13mm x 100 mm



4 mL
4.5 mL
5 mL
6 mL
7 mL

16mm x 75 mm



6 mL
8 mL
8.5 mL
9.5 mL
10 mL

Shown actual size

1. 1990 Winner of the Industrial Designers Society of Americas "Socially Responsible Design" Award
2. VS5713- A comparative Evaluation of the 16mm BD Hemogard™ Closures with Respect to User Exposure to Blood and Cap Removal and Reinsertion Forces. 09/99

BD Vacutainer® Labelling

Tubes



- 1 Draw volume
- 2 Fill line indicator
- 3 BD catalogue reference number
- 4 BD Vacutainer® Notch Label - visual guide for proper placement of secondary labelling
- 5 Product expiration date and lot number
- 6 Symbol for sterilisation
- 7 Tube type & additive concentration (if applicable)

Other tube labels are available, please refer to tube sections in this catalogue.

Paper Label



The standard label providing a free text space for writing patient ID & sample information.

Block Label



A formatted paper label with defined areas for writing specific patient ID & sample information

See Through Label



Product specifications are sprayed directly onto the tube with no provision for hand written information.

This system reduces the risk of tubes getting stuck in sample racks when multiple layers of inhouse patient identifier labels are subsequently applied to the tube.

Mylar Label



In the same format as a paper label but with the additional benefit of being see through to allow greater visibility of sample.

BD Vacutainer® EDTA Tubes

EDTA

EDTA salts (ethylene diamine tetra acetic acid) are used for the anticoagulation of whole blood for hematological investigations as the cellular components of the blood are particularly well preserved by EDTA. It works as an anticoagulant as it forms complexes with metal ions such as calcium, therefore inhibiting the coagulation cascade. Anticoagulation with EDTA is irreversible.


The EDTA concentration in BD Vacutainer® tubes is 1.8 mg per mL of complete blood when the fill level is correct, as recommended by the ICSH (International Council Society of Hematology)¹ and the CLSI (Clinical and Laboratory Standards Institute).

Mixing the tube

Correct mixing (8-10 inversions) of the EDTA tube immediately after the blood sample has been taken is extremely important to avoid microclotting.



Product information

Cat No.	Volume (ml)	Size (mm)	Additive	Material	Label	Closure
367841	2	13x75	K ₂ EDTA 3.6 mg	PET	Paper	
368841	2	13x75	K ₂ EDTA 3.6 mg	PET	Paper	
368274	2	13x75	K ₂ EDTA 3.6 mg	PET	See Through	
367858	2	13x75	K ₂ EDTA 3.6 mg	PET	See Through	
367856	3	13x75	K ₂ EDTA 5.4 mg	PET	Paper	
368499	3	13x75	K ₂ EDTA 5.4 mg	PET	See Through	
368857	3	13x75	K ₃ EDTA 5.4 mg	PET	Block	
367838	3	13x75	K ₂ EDTA 5.4 mg	PET	Block	
367861	4	13x75	K ₂ EDTA 7.2 mg	PET	Paper	
367844	4	13x75	K ₂ EDTA 7.2 mg	PET	Paper	
367862	4	13x75	K ₂ EDTA 7.2 mg	PET	See Through	
367839	4	13x75	K ₂ EDTA 7.2 mg	PET	Block	
367863	6	13x100	K ₂ EDTA 10.8 mg	PET	Paper	
365900	6	13x100	K ₂ EDTA 10.8 mg	PET	See Through	
367525	10	16x100	K ₂ EDTA 18.0 mg	PET	Paper	
366643	10	16x100	K ₂ EDTA 18.0 mg	PET	See Through	

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