

# BD Life Sciences

Preanalytical Systems

**Product Catalogue** Southeast Asia



## BD Vacutainer<sup>®</sup> Tube Information

#### BD Hemogard™

BD Vacutainer<sup>®</sup> Blood Collection Tubes incorporate the latex-free BD Hemogard<sup>™</sup> closure<sup>1</sup>, which has two parts: an inner stopper and an outer protective cap. The BD Hemogard<sup>™</sup> closure protects the user from contact with patients' blood and is easier to remove than conventional stoppers<sup>2</sup>, and The BD Hemogard<sup>™</sup> closure may also be removed using an automated system. BD Vacutainer<sup>®</sup> Blood Collection Tubes can be recapped using secondary over-caps.

#### BD Microgard™

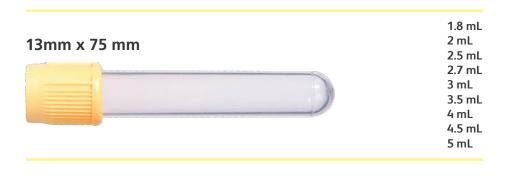
The BD Microgard<sup> $\mathbb{M}$ </sup> closure helps protect the healthcare worker from exposure to potentially infected blood with the "twist assist" cap which reduces the risk of splatter upon removal of the cap.

#### **Tube Dimensions**

BD Vacutainer<sup>®</sup> 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 100 mm 4 mL 4.5 mL 5 mL 6 mL 7 mL

#### 16mm x 75 mm



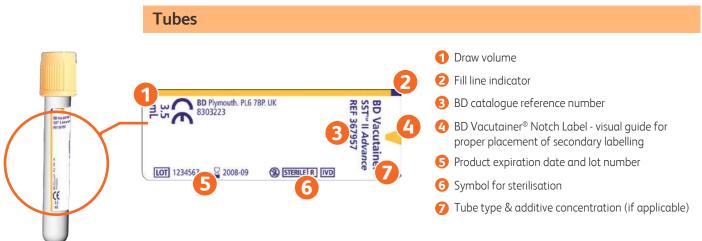
#### Shown actual size

1. 1990 Winner of the Industrial Designers Society of Americas "Socially Responsible Design" Award

 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



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**

SUR- NAME				839323
FCRE- NAME			DOB	
ADDRESS				SEX MF
WARD	TIME	AM	DATE	11
A HOSP		585.		66
	WARD HOSP NO.	WARD TIME HOSP NO.	WARD TIME AM HOSP SKS	WARD TIME AM DATE

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<sup>®</sup> 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<sup>®</sup> 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)<sup>1</sup> 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.



#### Cat No. Volume (ml) Additive Label Material Closure Size (mm) 367841 2 13x75 K<sub>2</sub>EDTA 3.6 mg PET Paper 2 13x75 PET Paper 368841 K2EDTA 3.6 mg 368274 2 13x75 K<sub>2</sub>EDTA 3.6 mg PET See Through 367858 2 13x75 PET See Through K<sub>2</sub>EDTA 3.6 mg 367856 3 13x75 K,EDTA 5.4 mg PET Paper See Through 3 13x75 368499 K,EDTA 5.4 mg PET 3 368857 13x75 K<sub>3</sub>EDTA 5.4 mg PET Block 367838 3 13x75 K<sub>2</sub>EDTA 5.4 mg PET Block 4 K,EDTA 7.2 mg 367861 13x75 PET Paper 367844 4 13x75 K<sub>2</sub>EDTA 7.2 mg PET Paper 367862 4 13x75 K<sub>2</sub>EDTA 7.2 mg PET See Through 367839 4 13x75 K<sub>2</sub>EDTA 7.2 mg PET Block 367863 6 13x100 K<sub>2</sub>EDTA 10.8 mg PET Paper 365900 6 13x100 K<sub>2</sub>EDTA 10.8 mg PET See Through 367525 10 16x100 K<sub>2</sub>EDTA 18.0 mg PET Paper 366643 10 16x100 K2EDTA 18.0 mg PET See Through

### Product information

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