

# Cell and biomarker preservation

## BD™ P100 for stabilising proteins

### BD™ P100 (Plasma Protein Preservation tube)

The BD™ P100 tube is a plasma protein preservation tube that contains K<sub>2</sub>EDTA anticoagulant and a broad spectrum protease inhibitor cocktail optimised for human blood. The BD™ P100 tube also features a mechanical separator which provides high quality plasma suitable for many downstream protein analysis platforms including mass spectrometry and immunoassays.

The blend of broad spectrum protease inhibitors in the BD™ P100 tube has been specifically developed and optimised for human plasma to ensure the broadest range of plasma proteins are stabilised.

The separator provides a solid barrier between plasma and cellular material, ensuring a significant reduction in cellular contamination to further increase the stability of the plasma proteins.

### Centrifugation

For best sample quality, the centrifugation of the BD P100™ tube should be performed in a swing-out centrifuge as soon as possible after the blood sample has been collected. Use of a fixed 45° angle rotor is possible.

Optimum centrifugation conditions for 8.5 mL tube:  
2500 g for 20 minutes

If 2500 g cannot be achieved:  
1600 g for 30 minutes or  
1100 g for 30 minutes

Optimum centrifugation conditions for 2.0 mL tube:  
1000-3000 g for 10 minutes

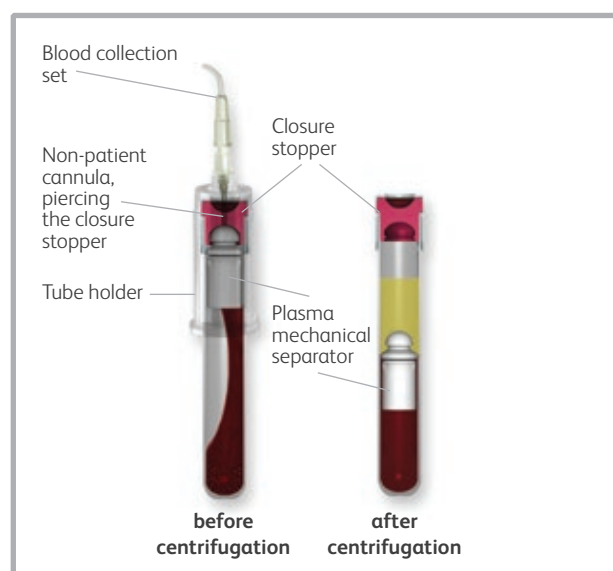


The BD™ P100 plasma protein tube is for research use only. Not for use in diagnostic procedures.



### Further information

Clinical and technical information is available on request.

### Mechanical plasma separator (366448 only)



## BD™ P100 tubes

Cat. no.	Draw volume (mL)	Size (mm)	Additive	Separator	Material	Label	Cap closure	Cap colour
366422	2.0	13 x 75	K <sub>2</sub> EDTA / Protease Inhibitor	None	PET	Paper	BD Hemogard™	
366448	8.5	16 x 100	K <sub>2</sub> EDTA / Protease Inhibitor	Mechanical Separator*	PET	Paper	BD Hemogard™	

Tubes are supplied in boxes of 20 (366422) and 24 (366448)

Available to buy online at [www.bdbiosciences.com](http://www.bdbiosciences.com) - search P100

\* Mechanical Separator: PET, TPE and LDPE