

# Cell and biomarker preservation

## BD™ P800

### BD™ P800 (Plasma GLP-1, GIP, Glucagon & OXM Preservation Tube)

The BD™ P800 tube contains a proprietary cocktail of protease, esterase and dipeptidyl peptidase IV (DPP-IV) inhibitors that immediately solubilises during blood collection. The BD™ P800 tube provides preservation of the Incretin peptides released during feeding - Glucagon Like Peptide-1 (GLP-1), Gastric Inhibitory Peptide (GIP), Glucagon and OXM<sup>1</sup>. The Incretin peptides are associated with metabolic diseases, such as Type II Diabetes and obesity.

### Centrifugation conditions

2.0 mL tubes: 1100-1300 g for 10 minutes  
8.5 mL tubes: 1100-1300 g for 20 minutes

### Further information

Clinical and technical information is available on request.

The BD™ P800 tube is for research use only. Not for use in diagnostic procedures.





### Stability

The stability of the peptides in BD™ P800 tubes in comparison to BD EDTA tubes for routine measurements is set out in the following table:

Peptides	T ½ EDTA (h)	T ½ P800 (h)
GLP-1 (G36A)	4-24*	> 96
GLP-1 (G37)	4-18	> 96
GIP (1-42)	5-20	> 96
OXM (1-37)	< 24	> 72
Glucagon	5-20	> 45

\* Stable up to 12 hours +/- 3 hours when EDTA tube is on ice  
Half-life, hours (at room temperature, unless specified).

## BD™ P800 tubes

Cat. no.	Draw volume (mL)	Size (mm)	Additive	Separator	Material	Label	Cap closure	Cap colour
366420	2.0	13 x 75	K <sub>2</sub> EDTA / Protease, Esterase and DPP-IV Inhibitor	None	PET	Paper	BD Hemogard™	
366421	8.5	16 x 100	K <sub>2</sub> EDTA / Protease, Esterase and DPP-IV Inhibitor	None	PET	Paper	BD Hemogard™	

All tubes are supplied in cases of 100

Available to buy online at [www.bdbiosciences.com](http://www.bdbiosciences.com) - search P800