

# Tubes

## blood collection



### Tubes, blood collection, EDTA tubes, Vacutainer®



BD Vacutainer® EDTA tubes are used to obtain a whole blood or EDTA plasma sample. The tubes are available in a range of sizes in both plastic and glass and can be identified by a lavender cap. Vacutainer® EDTA tubes are also available with a pink cap and crossmatch label for transfusion patients. Generally, K<sub>2</sub> or K<sub>3</sub> potassium salt of EDTA (ethylene diamine tetra acetic acid) is used as an anticoagulant. There are no functional differences between the two additives, however the physical difference between them is: K<sub>3</sub>EDTA is a liquid solution in the Vacutainer® glass tubes and K<sub>2</sub>EDTA is a liquid solution that is spray coated onto the interior surface of the Vacutainer® Plus tubes. A Vacutainer® Aprotinine K<sub>3</sub>EDTA tube is available for assays that require a proteolytic enzyme inhibitor, it is identified by a conventional pink cap.

Tube cap closures are colour coded according to the additive and the international standard (ISO 6710). Low draw volume tubes have a translucent version of the equivalent standard draw product.

Mixing recommendation: EDTA tubes should be gently inverted 180° and back 8 to 10 times.

#### Vacutainer® plastic K<sub>2</sub>EDTA tubes with lavender Hemogard™ closures

Catalogue No	Legacy No	Volume, mL	Cap colour	Size, mm	Label type	Pack qty
12937666	-	3	Lavender	13 x 75	Block	1,000
12947666	-	4	Lavender	13 x 75	Block	1,000
12957666	-	6	Lavender	13 x 100	Block	1,000
10331254	-	10	Lavender	16 x 100	Paper	1,000

#### Vacutainer® plastic K<sub>3</sub>EDTA tubes with lavender Hemogard™ closures

Catalogue No	Legacy No	Volume, mL	Cap colour	Size, mm	Label type	Pack qty
12967666	-	2	Lavender	13 x 75	Block	1,000
12977666	-	3	Lavender	13 x 75	Block	1,000
12987666	-	4	Lavender	13 x 75	Block	1,000

#### Vacutainer® glass aprotinine K<sub>3</sub>EDTA tube with pink Hemogard™ closure

(Note: This does not follow the established colour code described in ISO 6710:1995)

Catalogue No	Legacy No	Volume, mL	Cap colour	Size, mm	Label type	Pack qty
12997666	-	5	Pink	13 x 75	Paper	1,000

#### Vacutainer® plastic K<sub>2</sub>EDTA crossmatch tubes with pink Hemogard™ closures

Catalogue No	Legacy No	Volume, mL	Cap colour	Size, mm	Label type	Pack qty
12907666	-	4	Pink	13 x 75	Crossmatch	1,000
12917666	-	6	Pink	13 x 100	Crossmatch	1,000

#### Vacutainer® plastic Clot Activator crossmatch tube with pink Hemogard™ closure

Catalogue No	Legacy No	Volume, mL	Cap colour	Size, mm	Label type	Pack qty
12927666	-	6	Pink	13 x 100	Crossmatch	1,000



### Tubes, blood collection, heparin tubes, Vacutainer®



BD Vacutainer® Plasma tubes contain sodium or lithium heparin and are used to obtain plasma samples. The tubes are available in a range of sizes in both plastic and glass and can be identified by a green cap. The concentration of the lithium and sodium heparin additive in Vacutainer® Plasma tubes is 17 international units of heparin/mL of blood. The additive in the Plus tube is spray coated on the inner wall, and in the glass tubes it is either lyophilised (2mL and 3mL) or vacuum dried (5mL and 7mL).

Tube cap closures are colour coded according to the additive and the international standard (ISO 6710). Low draw volume tubes have a translucent version of the equivalent standard draw product.

Mixing recommendation: plasma tubes should be gently inverted 180° and back 8 to 10 times.

Centrifugation instructions: ≤1300g for 10min at 25°C room temperature. Vacutainer® heparin tubes can be centrifuged immediately after collection.

#### Vacutainer® Plus plastic lithium heparin tubes with green Hemogard™ closures

Catalogue No	Legacy No	Volume, mL	Cap colour	Size, mm	Label type	Pack qty
12937676	-	2	Green	13 x 75	Block	1,000
12947676	-	4	Green	13 x 75	Block	1,000
12957676	-	6	Green	13 x 100	Block	1,000