

# BD Vacutainer® Blood Collection Tubes: Label reference guide



BD Vacutainer® Blood Collection Tubes are designed to ensure appropriate fill level. Always allow the tube to fill until the vacuum is exhausted and blood ceases to flow.

A correctly filled tube is important to maintain good sample quality. Overfilling or underfilling of tubes can result in an incorrect blood-to-additive ratio and may lead to incorrect analytical results.

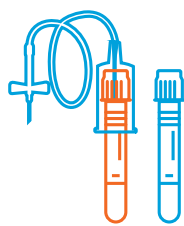
BD Vacutainer® Tubes are tested to ISO 6710 for draw volume.

## Maximize every sample: fill until the vacuum stops

To ensure that tubes draw to an acceptable volume, a number of elements should be considered:



Filling is complete when vacuum no longer continues to draw blood.



When a winged blood collection set is used for venipuncture and a citrate tube is the first tube needed, a discard tube must first be collected.

The discard tube is used to remove air from the tubing of the collection set, to ensure the proper volume of blood is drawn into the tube.



The quantity of blood drawn may vary with altitude, ambient temperature, barometric pressure, age of the tube, venous pressure, specific tube design and collection technique.

## Key factors to ensure the correct draw volume



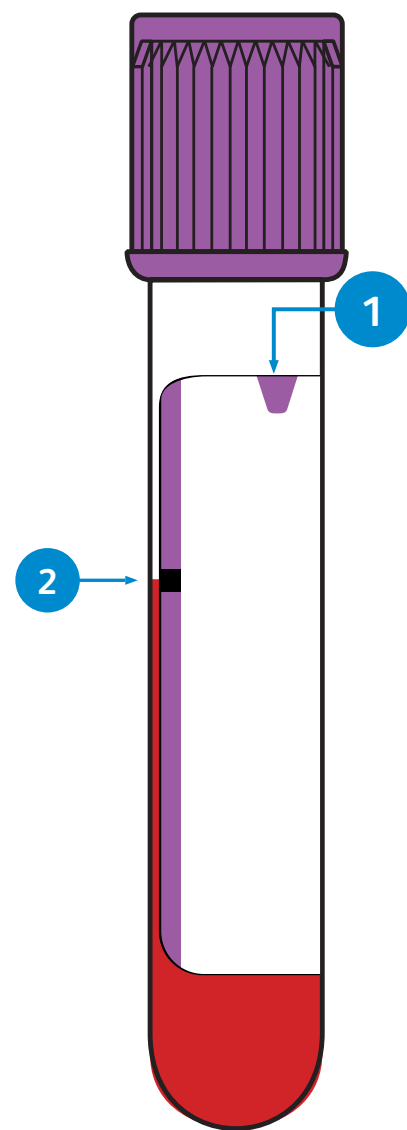
Ensure tube storage temperature is correct (typically 4 – 25 °C [39 – 77 °F]).



Ensure the blood collection system is assembled correctly and make sure the tube is placed centrally in the needle holder for complete puncture of the stopper.



Ensure tubes are not used after their expiration date.



This unit label is for reference only. The color bar and notch represent the tube additive and may vary by product.

- 1 The **label notch** assists in aligning a secondary barcode or label for readability by lab automation. The color coding stays visible after attaching a secondary label, aiding sample type identification even if the cap is removed.
- 2 A **nominal fill line indicator** is within the color bar, with the location differing based on the product.

For complete instructions refer to the product Instructions For Use (IFU). This document is not a substitute for the IFU. Please go to <https://eifu.bd.com/> to view the most up-to-date IFU.

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