

QuantiFERON-TB Collection

1. Collect 1 mL of patient blood into each of the blood-collection tubes: Nil (gray top), TB1 (green top), TB2 (yellow top), and Mitogen (purple top). Total volume will be 4 mL.
2. Immediately after filling, shake tubes 10 times just firmly enough to ensure that the entire inner surface of the tube is coated with blood.

- **Blood collection using a syringe:** Remove the syringe needle, remove the caps from the 4 tubes, and add 1 mL of blood to each (to the middle of the black mark on the side of the tube label). Replace caps securely and mix as described in step 2 below.
- **Blood collection directly into QFT-Plus tubes:** As 1 mL tubes draw blood slowly, keep the tube on the needle for 2-3 seconds once the tube appears to have completed filling to ensure that the correct volume is drawn.
- The black mark on the side of the tubes indicates the validated range of 0.8 to 1.2 mL. If the level of blood in any tube is outside of the mark, a new sample must be obtained. Under or over-filling of the tubes may lead to erroneous results.
- If using a butterfly needle, a purge tube must be used to ensure that the tubing is filled with blood prior to the QFT-Plus tubes being used.

