

QuantiFERON-TB Gold Plus Collection Instructions

READ ALL INSTRUCTIONS & CAUTIONS BEFORE DRAWING THE PATIENT

Ensure you have the 4 special tubes required:

- Purple Top Tube (MITOGEN)
- Gray Top Tube (NIL)
- Green Top Tube (TB1 ANTIGEN)
- Yellow Top Tube (TB2 ANTIGEN)

Please note the following:

- Each tube will draw **1-mL** of blood
- Notice the black fill-mark on the lower left side of the label
- This is the correct fill-level of the blood when the tube is in the upright position
- The blood may be slightly above or below this mark & still be acceptable
- Tubes should be between 63-77°F at the time of blood filling



INSTRUCTIONS:

1. There is no order of draw for collection. If a "butterfly needle" is used, use a plain "purge" tube to ensure the tubing is filled with blood prior to drawing the QTB-Gold Plus blood collection tubes.
2. Blood flow may be slow. Hold tube on needle for 2-3 seconds after flow ceases.
3. Once the tube is removed from the needle, check the fill level.
4. Immediately after filling, shake all 4 tubes ten (10) times to coat the inner surfaces with blood. Do not over-vigorously shake, as it may cause gel disruption and may lead to aberrant results. This is very important.
5. Label all tubes with 2 patient identifiers (patient name and MRN or DOB) and collection date & time.
Important Update: If using Cerner barcode labels, the container color name on the label must match the cap color of the tube it will be affixed to.
6. Keep the tubes at room temperature (do not centrifuge, refrigerate, or freeze).
7. Transport to Wisconsin Diagnostic Laboratories. Tubes must be received in the lab within 16 hours of collection.

CAUTIONS:

1. These tubes are for Quantiferon-TB Gold Plus only. They cannot be used for any other laboratory testing.
2. Ordinary blood collection tubes cannot be substituted for these special tubes.
3. If using a butterfly needle, draw a purge tube, using a plain tube (no additive), to ensure there is no air in the tubing.
Do NOT USE a QTB-Gold Plus tube to purge.
4. Standard blood handling precautions apply.

Provided below is a link to a video detailing the collection process. **It is important to note that we are NOT accepting the single Lithium-Heparin tube process as shown in the second video at this time. You must use the QTB-Gold Plus tubes provided.**

<https://www.quantiferon.com/us/products/quantiferon-tb-gold-plus-us/laboratory-resources/training-videos-labs/>