Notification Date: November 18th, 2025 Effective Date: December 1st, 2025

QuantiFERON-TB Gold Plus

QuantiFERON-TB Gold Plus [LAB 1230343] **Orderable:**

Effective Monday, December 1st, 2025, the Clinical Immunology Lab will begin testing for tuberculosis infection using the QuantiFERON-TB Gold Plus test.

PLEASE NOTE THESE IMPORTANT CHANGES IN THE SPECIMEN REQUIREMENTS

- A 4-tube collection kit is required starting on December 1, 2025. This is a change from the 1-tube collection previously sent to LabCorp.
- Please note the unique collection requirements in the Collection Guide Job Aid that's included in this distribution.
- The job aid is also available as a link in the Collection Function in Epic and online using the Laboratory Services Catalog on the VCU Dept. of Pathology webpage.
- Not following these specific collection requirements **may result in sample rejection** or erroneous results.

CHANGES	COLLECTION CONTAINER QuantiFERON-TB Gold Plus [LAB 1230343]	SPECIMEN	VOLUME
Current Collection	1 – Lithium Heparin Tube	Whole Blood	6.0 mL
NEW Collection	4 – Colored QFT Collection Tubes	Whole Blood	1.0 mL into each tube (total ~4 mL)

Reporting: Negative, Positive, Indeterminate

(This will include the individual results generated for each tube, and reflects the subtraction of the Nil tube numeric result from each of the

remaining tubes: TB Ag 1 - Nil, TB Ag 2 - Nil, and Mitogen - Nil)

Turnaround Time: 2 – 5 days

For questions, please contact Pathology Client Services at (804) 828-7284, Immunology Director Justin Dalton, MD at pager 3162, or the Microbiology/ Immunology Laboratory at (804) 628-4000.



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Qiagen QFT-Plus Dispenser Pack

Part Number: 622433

WorkDay Number: 441342

QuantiFERON-TB Gold Plus 4-tube Blood Collection Tip Sheet

1 Open bag containing 4 tubes → KEEP this plastic bag

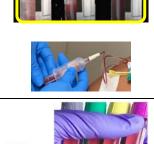
- 2 Collect blood using VCU Health approved blood sampling processes (venipuncture or central line samples).
 - Make sure you obtain 1 mL of blood for each tube.
 - DO NOT UNDERFILL or OVERFILL.
 NOTE: Tubes fill slowly. Applying pressure at bottom of tube helps with filling.

If using a butterfly needle (21 gauge preferred), use a Discard Tube to purge air from the line

If collecting multiple labs, draw at the Heparin Level (green top tube) in the Order of Draw (Refer to "Pathology Order of Draw Guide" on VCU Pathology Lab Catalog).

After filling tubes, **shake firmly**, but not vigorously, **10 times** (up-and down, karate-chop motion). Do NOT use the traditional gentle invert technique for this test. Do NOT centrifuge tubes. Keep at Room Temperature.

Tubes should be coated with blood after shaking. Frothing of blood is OK





4 Label tubes: COLOR ON LABEL NEEDS TO MATCH TUBE COLOR-







Put tubes back into original plastic bag and Ziplock the bag. Place this bag into a biohazard specimen bag for transport.

Return tubes to Laboratory within **16 hours** of Collection at **Room Temperature** Tubes can be sent to Lab through the Pneumatic tube system.



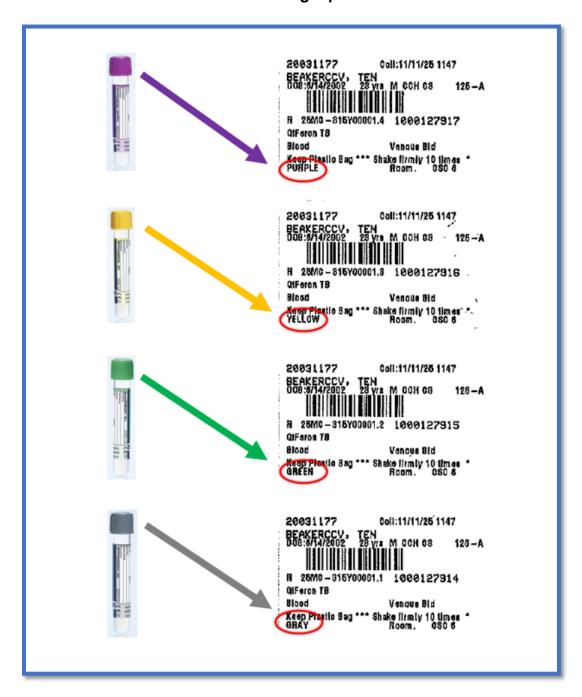
IF COLLECTING USING A SYRINGE

Collect blood via syringe and immediately transfer 1 mL of blood to each of 4 QFT-Plus Tubes

- Detach the needle, affix a safety transfer device.
- Pierce the QFT-Plus tube closure and allow the negative pressure of the tube to draw the proper volume of blood from the syringe.
- Do NOT inject or provide positive pressure
- Ensure the blood runs gently down the side of the tube.
- Fill each QFT-Plus tube to the middle/upper of the black mark on the side of tube.



QuantiFERON-TB Gold Plus 4-tube Collection EPIC Labeling Tip Sheet



Scan this QR code to complete a Post-Implementation Product Feedback Form



For questions, please call Pathology Client Service at 804-828-PATH (7284)