

QuantiFERON-TB Gold Plus

Orderable: QuantiFERON-TB Gold Plus [LAB 1230343]

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.



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

Qiagen QFT-Plus Dispenser Pack

Part Number: 622433

WorkDay Number: 441342

1	Open bag containing 4 tubes → KEEP this plastic bag	
2	<p>Collect blood using VCU Health approved blood sampling processes (venipuncture or central line samples).</p> <ul style="list-style-type: none"> • Make sure you obtain 1 mL of blood for each tube. • DO NOT UNDERFILL or OVERFILL. <p>NOTE: Tubes fill slowly. Applying pressure at bottom of tube helps with filling.</p> <p>If using a butterfly needle (21 gauge preferred), use a Discard Tube to purge air from the line</p> <p>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).</p>	
3	<p>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.</p> <p>Tubes should be coated with blood after shaking. Frothing of blood is OK</p>	
4	<p>Label tubes: COLOR ON LABEL NEEDS TO MATCH TUBE COLOR</p>	
5	<p>Put tubes back into original plastic bag and Ziplock the bag. Place this bag into a biohazard specimen bag for transport.</p> <p>Return tubes to Laboratory within 16 hours of Collection at Room Temperature Tubes can be sent to Lab through the Pneumatic tube system.</p>	
<p>IF COLLECTING USING A SYRINGE</p> <p>Collect blood via syringe and immediately transfer 1 mL of blood to each of 4 QFT-Plus Tubes</p> <ul style="list-style-type: none"> • 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. 		

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



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

The diagram illustrates the correct labeling for four different vials used in the QuantIFERON-TB Gold Plus 4-tube collection. Each vial is shown with its cap color and an arrow pointing to a sample label. The labels contain patient information and a circled color code that matches the vial's cap.

Vial Cap Color	Label Color Code
Purple	PURPLE
Yellow	YELLOW
Green	GREEN
Gray	GRAY

Sample Label Text (repeated for all four vials):

20031177 Coll:11/11/25 1147
 BEAKERCCV, TEN
 DOB:0/14/2002 23 yrs M OCH OS 126-A
 R 25MO-315Y00001.4 1000127917
 QIFeron TB
 Blood Venous Bld
 Keep Plastic Bag *** Shake firmly 10 times *
 PURPLE Room. OSC 6

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



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