

Detection of *Latent TB* with QuantiFERON®-TB Gold Plus



Next generation of the highly accurate, single visit IGRA test for accurately diagnosing Latent TB Infections (LTBI).

WHAT IS QUANTIFERON®-TB GOLD PLUS TEST?

QuantiFERON®-TB Gold Plus (QFT-Plus™) is a blood test that can diagnose LTBI more accurately than what has been used historically, the TB skin test (TST). It aids in the diagnosis of exposure to *Mycobacterium tuberculosis*, the bacteria causing tuberculosis. QFT-Plus™ has the major advantages of only requiring a single lab visit and is not affected by previous BCG vaccination. The TST in contrast requires at least 2 separate visits and can produce false positives due to prior BCG vaccination.

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QFT-PLUS™ BENEFITS

Most clinically tested and proven IGRA available, with more than **30 million** tests performed across **130+ countries**.

TEST FACTORS	IGRA (QFT-PLUS™)	TST (TUBERCULIN SKIN TEST)
Affected by BCG* vaccine	No	Yes
Patient visits required¹	Only 1	2-4
High accuracy	Yes: 1% false-positive rate	No: 3%-65% false-positive rate
High Sensitivity	Yes: >97% specificity	No: Variable; 59% in BCG-Vaccinated Populations
Result Delivery	Objective accuracy, lab-delivered, reduced TAT	Subjective, reader-based, limited 72 hour interpretation window
Follow-up testing	Cost effective, limited follow-up	False positive result in costly follow-up

*Bacille Calmette-Guérin



WHEN TO ORDER QFT-PLUS™

Test used for Latent Tuberculosis Infections (LTBI) screening for persons with the following:

- Individuals who have had contact with persons recently diagnosed with active pulmonary TB
- Foreign-born persons and visitors from TB-endemic countries, especially immigrants who have arrived in the last two years
- People who are at increased risk of progression to active TB disease due to impaired immunity
- People with radiographic evidence of old, healed TB without history of treatment
- People with an increased risk for LTBI due to injection-drug use
- Residents and employees of prisons and jails
- People whose future activity might place them at increased risk for exposure, and others eligible for LTBI surveillance programs (e.g., healthcare workers, aid workers and military personnel)

QFT-Plus™ tests are approved by both FDA and Health Canada as “in vitro diagnostic aid for detection of *Mycobacterium tuberculosis* infection”.

*In certain circumstances, patients may be eligible for provincially funded testing. For those qualified patients, all testing is performed through the BCCDC. LifeLabs only performs patient-paid testing.

LTBI AND BIOLOGIC THERAPIES

- Early detection of LTBI is key prior to starting biologic therapies.
- Screening should take place before administration of TNF (tumor necrosis factor) blockers and other immunologic therapies.
- LTBI screening is precautionary management for patients with the following inflammatory diseases.

- Rheumatoid arthritis
- Ulcerative Colitis
- Crohn's disease
- Psoriasis and psoriatic arthritis
- Ankylosing spondylitis

References:

1. Qiagen, QuantiFERON®-TB Gold Plus product information

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QuantiFERON®-TB Gold Plus Detail Aid | V2.2 OCT 2022

WHY CHOOSE LIFE LABS?



Dedicated weekly time slots for QFT-Plus™ appointments for improved patient testing flow



An efficient collection experience for patients. We have order collection kits available at our locations.



Quick turn-around time (TAT) allows for fast decision-making in treatment management



HOW TO ORDER

To order this test for your patient, please advise them of the price (C\$95.00) and have them book an appointment at one of our locations, listed below. The patient will pay for the test on the LifeLabs [website](https://www.lifelabs.com), and share the personalized requisition with the provider for sign-off.

Patients can book an appointment by calling toll-free

Ontario :1-877-849-3637

British Columbia: 1-800-431-7206

Patient service centres that offer **QUANTIFERON®-TB GOLD PLUS** testing

British Columbia

City	Address	Appointment Times (Monday - Wednesday)
Vancouver	4366 West 10th Avenue	9:00 am & 13:00 pm
Vancouver	701-750 West Broadway	13:00 pm
Vancouver	835-777 Hornby Street	9:00 am & 13:00 pm
Vancouver	290-2184 West Broadway	9:00 am & 13:00 pm
North Vancouver	102-845 Marine Drive	9:00 am
Burnaby	201-4980 Kingsway	9:00 am & 13:00 pm
Delta	201-8425 120th Street	9:00 am & 13:00 pm
New Westminster	227 Nelson's Crescent	8:35 am
Victoria	200-1590 Cedar Hill X Road	9:00 am & 13:00 pm
Victoria	130-1900 Richmond Avenue	9:00 am & 13:00 pm
Victoria	220-1641 Hillside Avenue	9:00 am & 13:00 pm
Victoria	200-1120 Yates Street	9:00 am & 13:00 pm
Prince George	110-1669 Victoria Street	9:00 am & 13:00 pm