

# 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.

[www.LifeLabs.com](http://www.LifeLabs.com)

**LifeLabs®**

**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

**[www.LifeLabs.com](http://www.LifeLabs.com)**

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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

Hours of operation are Monday to Friday unless otherwise indicated.

## Ontario

City	Address
Barrie	480 Huronia Rd., Suite 201
Belleville	210 Dundas St. E
Brampton	36 Vodden St., Suite 200
Brampton	9780 Bramalea Rd., Suite 407
Brampton	40 Finchgate Blvd., Suite 303
Brampton	18 Kensington Rd.
Brampton	2 Dewside Dr.
Burlington	3155 Harvester Rd.
Cambridge	697 Coronation Blvd.
Chatham	857 Grand Ave. W, Suite 106
Etobicoke	190 Sherway Dr., Suite 108
Guelph	85 Norfolk St., Suite 101
Hamilton	25 Charlton Ave. E
Hamilton	280 Queenston Rd.
Hamilton	989 Fennell Ave. E
Ingersoll	45 King St. E
Kingston	791 Princess St., Unit 102
Kitchener	564 Belmont Ave. W, Suite 105
London	746 Baseline Rd., Suite 101
London	1151 Richmond St.
Markham	379 Church St., Suite 111
Milton	470 Bronte Rd., Suite 106
Minden	6 McPherson St.
Mississauga	2300 Eglinton Ave., Suite G-04
Mississauga	101 The Queensway, Suite 138
Mississauga	3527 Derry Rd. E
Nepean	1 CentrepoinTE Dr.
Newmarket	679 Davis Dr., Suite 123
North York	20 Wynford Dr., Unit 107

City	Address
North York	1333 Sheppard Ave. E
North York	4949 Bathurst St., Rm 217
Oakville	1235 Trafalgar Rd.
Orleans	1220 Place d'Orleans Dr.
Oshawa	245 King St. W
Ottawa	267 O'Connor St.
Ottawa	1919 Riverside Dr., Suite 105
Paris	238 Grand River St. N
Peterborough	849 Alexander Crt., Suite 106
Picton	389 Main St.
Rexdale	115 Humber College Blvd.
Richmond Hill	250 Harding Blvd., Suite B03
Sarnia	429 Exmouth St., Suite 3
Scarborough	2330 Kennedy Rd., Suite 209
Sudbury	65 Larch St.
Thorold	3460 Schmon Pkwy.
Thunder Bay	1040 Oliver Rd., Suite 101
Toronto	2 Champagne Dr., Unit C6
Toronto	340 College St., Suite 401
Toronto	2221 Keele St. Unit 104
Toronto	55 Queen St. E
Toronto	526 St. Clair Ave. W
Toronto	1615 Dufferin St.
Toronto	208 Bloor St.
Toronto	688 Coxwell Ave.
Toronto	901 Eglinton Ave. W
Windsor	6505 Tecumseh Rd. E