

TUBERCULOSIS INFECTION
REPORTING FORM



Algoma
PUBLIC HEALTH
Santé publique Algoma

Tel: 705-942-4646 ext. 3274 | Fax: 705-541-7309
www.algomapublichealth.com

Under the *Health Protection and Promotion Act*, diagnoses of tuberculosis infection (latent) and/or disease (active) must be reported to the local Medical Officer of Health

IF YOU THINK YOUR PATIENT MAY HAVE ACTIVE TB, PLEASE CALL 705-942-4646 EXT. 3274 IMMEDIATELY

Please complete and return this form, including a copy of the patient chest x-ray results, by fax to Algoma Public Health – Infectious Disease Program at 705-541-7309

PATIENT INFORMATION

First Name: _____ Last Name: _____

Address: _____ City: _____ Postal code: _____

Phone: _____ DOB (yyyy/mm/dd): _____ OHIP #: _____

Sex assigned at birth: ☐ Female ☐ Male ☐ Intersex

Gender: ☐ Female ☐ Male ☐ Transgender ☐ Prefer not to identify ☐ Other

Born in Canada? ☐ Yes ☐ No If no, Country of birth: _____ Date of arrival to Canada: _____

BCG VACCINATION

Received BCG? (check all that apply) ☐ Yes ☐ No ☐ Unknown Date of BCG or Age: _____

REASON FOR TESTING

☐ Contact of a case ☐ Routine Screen (school, employment, volunteer etc.) ☐ Targeted screening (medical)

☐ Other: _____

TUBERCULIN SKIN TESTING RESULTS* (ALL REQUIRED INFORMATION)

Date Administered (yyyy/mm/dd)	Date Read (yyyy/mm/dd)	Results (record in mm induration)

TST performed and read at APH by: _____

PHN Signature

*A positive TST is >10 mm induration or more

*5mm or more may be considered positive in specific situations. *See resources on page 3

SYMPTOMS (CHECK ALL THAT APPLY)

☐ Asymptomatic ☐ Cough Onset: _____ ☐ Fever Onset: _____ ☐ Night sweats Onset: _____

☐ Fatigue Onset: _____ ☐ Weight loss Onset: _____ Other (specify): _____

If your patient is symptomatic or has a chest x-ray indicating TB disease:

- Report immediately to Algoma Public Health at 705-942-4646 x3274
- Instruct patient to isolate at home
- Collect three sputum specimens at least one hour apart

DIAGNOSTIC FOLLOW-UP

CXR ordered? ☐ Yes ☐ No Date: _____ Result: _____

Interferon Gamma Release Assay (IGRA) Testing ordered? ☐ Yes ☐ No Date: _____

Result: ☐ Positive ☐ Negative ☐ Indeterminate

NOTE: BOTH PAGES OF THIS FORM MUST BE COMPLETED AND FAXED WITH A COPY OF THE CHEST X-RAY REPORT

CT scan ordered? ☐ Yes ☐ No Date: _____ Result: _____

Sputum for AFB ordered? ☐ Yes ☐ No

1. Date: _____ AFB result: _____ PCR result: _____
2. Date: _____ AFB result: _____ PCR result: _____
3. Date: _____ AFB result: _____ PCR result: _____

RISK FACTORS

Medical Risk Factors:

- ☐ Cancer of head and/or neck
- ☐ Underweight (<90% ideal body weight)
- ☐ Receiving immunosuppressive drugs
- ☐ Abnormal CXR (fibronodular disease/ granuloma)
- ☐ Leukemia or Lymphoma
- ☐ HIV/AIDS
- ☐ Chronic renal failure requiring hemodialysis
- ☐ Diabetes
- ☐ Organ transplants
- ☐ Silicosis
- ☐ None

Social Risk Factors:

- ☐ Heavy alcohol consumption (>3 drinks/day)
- ☐ Cigarette smoker (1 pack/day)
- ☐ Travel _____
- ☐ Close contact of infectious TB case
- ☐ Lived / worked outside of Canada
- ☐ Underhoused / homeless
- ☐ None

ASSESSMENT & TREATMENT DECISIONS

Refer to the online TST/IGRA Interpreter as needed at <https://tstin4d.com>

On the basis of my assessment, I conclude:

- ☐ Client is diagnosed with active TB disease
- ☐ Client diagnosis is pending investigations
- ☐ Client referred to specialist for further assessment – if yes to whom: _____
- ☐ Active TB ruled out and client is diagnosed with TB infection
- ☐ Active TB and TB infection ruled out

The client will be starting Tuberculosis Preventative Treatment (TPT)?

- ☐ Yes ☐ No ☐ Referred to **Respirologist/Infectious Disease Specialist**

If yes, referral to whom: _____

Fax a copy of the prescription to Infectious Diseases at APH (705) 541-7309 for dispensing of publicly funded medication.

Health teaching completed? ☐ Yes ☐ No

- Advise client not to repeat TST in future
 - Signs and symptoms of TB disease
 - When to seek medical attention.
- ☐ Client has been advised that they will be contacted by Algoma Public Health

Healthcare Provider’s Name

Completed by

Phone number

Date (yyyy/mm/dd)

Resources

Visit the website at www.algomapublichealth.com to stay up to date.

Refer to the online TST/IGRA Interpreter as needed at <https://tstin4d.com>

***Interpretation of TST results:** adapted from [Chapter 4 of the Canadian Tuberculosis Standards: Diagnosis of tuberculosis infection](#)

TST result	Situation in which reaction is <u>considered positive</u>
<5mm	This is generally considered negative
>5mm	People living with HIV Known recent (<2 years) contact with a patient with infectious TB disease Fibronodular disease on chest x-ray (evidence of healed, untreated TB) Prior to organ transplantation and receipt of immunosuppressive therapy Prior to receipt of biologic drugs, such as tumor necrosis factor alpha inhibitors, or disease modifying antirheumatic drugs Prior to receipt of other immunosuppressive drugs, such as corticosteroids (equivalent of 15mg per day of prednisone for at least one month) Stage 4 or 5 chronic kidney disease (with or without dialysis)
>10mm	Recent (<2 years) conversion of TST from negative to positive Diabetes (controlled or uncontrolled) Malnutrition (<90% of ideal body weight) Current tobacco smoker (any amount) Daily consumption of >3 alcoholic drinks Silicosis Hematologic malignancies (lymphomas and leukemia) and certain carcinomas (such as cancers head, neck, lung, and/or gastrointestinal tract) Any population considered at low risk of disease

****Interferon gamma release assay (IGRA)** is a blood test that provides another method to diagnose LTBI. It can complement the TST in certain situations. Both the TST and IGRA are acceptable tests for TB infection(latent) diagnosis. Either test can be used for TB infection screening in any of the situations in which testing is indicated. IGRA is the preferred test when:

- a person over the age of 2 has previously received the Bacille Calmette-Guérin vaccine (BCG) vaccine
- a person is unable or unlikely to return to have their TST read
- training and quality assessment are unavailable for TST administration or reading

If a TST or IGRA is thought to be a true positive, then the possibility of TB disease should be ruled out prior to starting treatment for TB infection.([Tuberculosis \(TB\): For health professionals - Canada.ca](#))