



Department of Health and Human Services
Health and Environmental Testing Laboratory
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**Mycobacterium tuberculosis Detection by QuantiFERON-TB Gold Plus
(Interferon-gamma Release Assay for *Mycobacterium tuberculosis*)
Laboratory Submission Information Sheet**

Reporting of suspect case to Maine CDC	<ul style="list-style-type: none">• Yes: TB complex is a Notifiable Condition. If you have not already done so, please report suspect or confirmed cases to the Maine CDC via the disease reporting line: 1-800-821-5821 (24hrs/day 7 days/week.)
Required To Submit Laboratory Specimen	<ul style="list-style-type: none">• Not for serology
Required Information	<ul style="list-style-type: none">• Information on requisition must include: test requested, patient name, DOB, date of collection, specimen source or type, submitter name and contact information.• Important: all specimens must be labeled with patient name, DOB or other unique identifier, and be accompanied by a HETL requisition.
Specimen Requirements	<ul style="list-style-type: none">• Following standard venipuncture protocols: Collect 1.0 ml of blood directly into each of the QFT tubes (Nil, TB1, TB2, and Mitogen). Immediately after filling, SHAKE tubes 10 times, just enough to coat inner tube. Label tubes appropriately. More info: Quantiferon® TB-Gold Plus Collection Guide on filling tubes at https://www.qiagen.com/us/Resources/ResourceDetail?id=efe732d5-4b93-477f-983b-7390d0a14637&lang=en
Collection Instructions	<ul style="list-style-type: none">• Option 1 – Immediate Shipment to HETL: Samples must be received within 16 hours of collection. Check blue incubation card as “Not Incubated”. Ship at ambient temperature. Option 2 – Incubate at collection site within 16 hours of collection. Incubate tubes upright at 37°C for 16-24 hours. May be held at 4-27°C for up to 3 days prior to centrifugation. Ship specimens on frozen cold packs.
Turn Around Time	<ul style="list-style-type: none">• Results are generally available within 2 - 5 business days of specimen receipt
Rejection Criteria	<ul style="list-style-type: none">• Specimens received without a requisition form, clinical details or with insufficient material to analyze. Specimens in poorly labeled, unlabeled, or leaking containers. Specimens transported at incorrect temperature. Specimens not incubated appropriately. Storage of blood outside of recommended temperature range. Insufficient mixing of blood collection tubes.
Results	<ul style="list-style-type: none">• QuantiFERON-TB Gold Plus EIA: Positive; M. tuberculosis infection likely• Negative; M. tuberculosis infection not likely or Indeterminate for TB antigen responsiveness• Results will only be reported to the submitter listed on the requisition
Laboratory Testing Fee	<ul style="list-style-type: none">• \$50.00 (\$40 test; \$10 collection kit)
Applicable CPT Codes	<ul style="list-style-type: none">• 86480 Tuberculosis test, cell mediated immunity measurement
Additional Information	<ul style="list-style-type: none">• Bacteriology at 207-287-1704• Virology, Respiratory, Arbovirus, Serology, and STI at 207-287-1722• Molecular Biology, Sequencing, and Foodborne at 207-287-5769• Mycobacterium and Rabies at 207-287-1706