

QuantiFERON-TB Update

Effective Date: August 2, 2016

Commencing August 2, 2016, reports for QuantiFERON-TB (QFT-TB) orders will contain the following information:

- **QFT-TB qualitative result:** Negative, Indeterminate, or Positive
- **IFN-gamma response levels:**
QFT-TB provides an assessment of cell-mediated immunity to *Mycobacterium tuberculosis* (MTB). Three tubes as indicated below are collected for each order, and incubated at 37°C for approximately 18 hours.
 1. TB Antigen Tube:
T lymphocytes from individuals previously exposed to MTB will secrete IFN-gamma when stimulated in vitro with TB-specific antigens.
 2. Nil Tube:
Negative control, typically demonstrates very low or undetectable levels of IFN-gamma.
 3. Mitogen Tube:
Positive control, non-specific stimulation typically resulting in IFN-gamma production independent of TB status.
- **Interpretive Comments**

For additional information, access the Laboratory Test Directory at:

<http://beaumontlaboratory.com/test-lab-directory>

Internal URL to Laboratory Bulletins:

http://employee.beaumont.edu/portal/pls/portal/ip30dev.page_pkg.page?xid=lab_bulletins

External URL to Laboratory Bulletins:

<http://beaumontlaboratory.com/hospitals-laboratories-three/test-information-center/laboratory-bulletins/>

If you have questions, please contact Client Services (1-800-551-0488, option 5).

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