

Specimen Collected: 25-Mar-24 07:29

Procedure	Result	Units	Reference Interval
Quantiferon TB Gold Plus	Negative <sup>i1</sup>		[Negative]
Quantiferon-Plus TB1 minus NIL	0.30	IU/mL	[<=0.34]
Quantiferon-Plus TB2 minus NIL	0.30	IU/mL	[<=0.34]
Quantiferon TB Gold Plus, 4-Tube	0.60	IU/mL	
Quantiferon NIL	7.50	IU/mL	

**Test Information**

i1: Quantiferon TB Gold Plus

INTERPRETIVE INFORMATION:Quantiferon TB Gold Plus

Interferon gamma release is measured for specimens from each of the four collection tubes. A qualitative result (Negative, Positive, or Indeterminate) is based on interpretation of the four values: NIL, MITOGEN minus NIL (MITOGEN-NIL), TB1 minus NIL (TB1-NIL), and TB2 minus NIL (TB2-NIL). The NIL value represents nonspecific reactivity produced by the patient specimen. The MITOGEN-NIL value serves as the positive control for the patient specimen, demonstrating successful lymphocyte activity. The TB1-NIL tube specifically detects CD4+ lymphocyte reactivity, specifically stimulated by the TB1 antigens. The TB2-NIL tube detects both CD4+ and CD8+ lymphocyte reactivity, stimulated by TB2 antigens. An overall Negative result does not completely rule out TB infection.

A false-positive result in the absence of other clinical evidence of TB infection is not uncommon. Refer to: Updated Guidelines for Using Interferon Gamma Release Assays to Detect Mycobacterium tuberculosis Infection -- United States, 2010 (<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5905a1.htm>), for more information concerning test performance in low-prevalence populations and use in occupational screening.

\*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

**Unless otherwise indicated, testing performed at:**

**ARUP Laboratories**

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

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