

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 2/28/1943  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**QuantIFERON-TB Gold Plus, 4-Tube**

ARUP test code 3000399

**Quantiferon TB Gold Plus** Indeterminate (Ref Interval: Negative)  
Negative Mitogen Response: Negative mitogen response may occur either due to T-Cell anergy or mishandling of the specimen draw tubes.

Interpretive Data: 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.

Quantiferon Plus TB1 minus NIL	0.00 IU/mL	(Ref Interval: 0.00-0.34)
Quantiferon Plus TB2 minus NIL	0.01 IU/mL	(Ref Interval: 0.00-0.34)
QuantIFERON Mitogen minus NIL	0.18 IU/mL	
QuantIFERON NIL	0.03 IU/mL	

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Quantiferon TB Gold Plus	20-167-146967	6/15/2020 10:30:00 AM	6/17/2020 10:51:32 AM	6/18/2020 1:48:00 PM

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 20-167-146967  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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Quantiferon Plus TB1 minus NIL	20-167-146967	6/15/2020 10:30:00 AM	6/17/2020 10:51:32 AM	6/18/2020 1:48:00 PM
Quantiferon Plus TB2 minus NIL	20-167-146967	6/15/2020 10:30:00 AM	6/17/2020 10:51:32 AM	6/18/2020 1:48:00 PM
QuantiFERON Mitogen minus NIL	20-167-146967	6/15/2020 10:30:00 AM	6/17/2020 10:51:32 AM	6/18/2020 1:48:00 PM
QuantiFERON NIL	20-167-146967	6/15/2020 10:30:00 AM	6/17/2020 10:51:32 AM	6/18/2020 1:48:00 PM

END OF CHART

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H=High, L=Low, \*=Abnormal, C=Critical

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