

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 12/11/2002  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

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

ARUP test code 3017562

**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. Repeat testing may be helpful.

**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.

Quantiferon Plus TB1 minus NIL 0.34 IU/mL (Ref Interval: <=0.34)

Quantiferon Plus TB2 minus NIL 0.34 IU/mL (Ref Interval: <=0.34)

QuantiFERON Mitogen minus NIL 0.40 IU/mL

QuantiFERON NIL 1.00 IU/mL

**VERIFIED/REPORTED DATES**

Procedure	Accession	Collected	Received	Verified/Reported
Quantiferon TB Gold Plus	25-139-400118	5/19/2025 12:01:00 AM	5/19/2025 6:39:53 AM	5/19/2025 6:41:00 AM

**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: 25-139-400118  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 1 of 2 | Printed: 5/19/2025 4:14:14 PM



Quantiferon Plus TB1 minus NIL	25-139-400118	5/19/2025 12:01:00 AM	5/19/2025 6:39:53 AM	5/19/2025 6:41:00 AM
Quantiferon Plus TB2 minus NIL	25-139-400118	5/19/2025 12:01:00 AM	5/19/2025 6:39:53 AM	5/19/2025 6:41:00 AM
QuantiFERON Mitogen minus NIL	25-139-400118	5/19/2025 12:01:00 AM	5/19/2025 6:39:53 AM	5/19/2025 6:41:00 AM
QuantiFERON NIL	25-139-400118	5/19/2025 12:01:00 AM	5/19/2025 6:39:53 AM	5/19/2025 6:41:00 AM

END OF CHART

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

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Page 2 of 2 | Printed: 5/19/2025 4:14:14 PM