

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 3/7/1962
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 3000399

Quantiferon TB Gold Plus

Positive * (Ref Interval: Negative)

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 **0.94 IU/mL H (Ref Interval: 0.00-0.34)**

Quantiferon Plus TB2 minus NIL **0.64 IU/mL H (Ref Interval: 0.00-0.34)**

QuantIFERON Mitogen minus NIL 7.62 IU/mL

QuantIFERON NIL 0.03 IU/mL

VERIFIED/REPORTED DATES

| Procedure | Accession | Collected | Received | Verified/Reported |
|--------------------------------|---------------|----------------------|-----------------------|----------------------|
| Quantiferon TB Gold Plus | 20-167-400059 | 6/12/2020 3:04:00 PM | 6/16/2020 10:42:44 PM | 6/17/2020 4:14:00 AM |
| Quantiferon Plus TB1 minus NIL | 20-167-400059 | 6/12/2020 3:04:00 PM | 6/16/2020 10:42:44 PM | 6/17/2020 4:14:00 AM |
| Quantiferon Plus TB2 minus NIL | 20-167-400059 | 6/12/2020 3:04:00 PM | 6/16/2020 10:42:44 PM | 6/17/2020 4:14:00 AM |
| QuantIFERON Mitogen minus NIL | 20-167-400059 | 6/12/2020 3:04:00 PM | 6/16/2020 10:42:44 PM | 6/17/2020 4:14:00 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

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QuantiFERON NIL

20-167-400059

6/12/2020 3:04:00 PM

6/16/2020 10:42:44 PM

6/17/2020 4:14:00 AM

END OF CHART

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

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