

Patient SAWYER, TOM APT 3B 200 ANY ST ANYTOWN, IA 52999	Birth Date and Gender 1980-02-25 Male	Client Reference 47865-8645	Accession # 378968
	Collected 2019-01-16 18:10	Received 2019-01-18 06:00	Project
Report To ANYTOWN HOSPITAL SEND-OUT LAB 1000 MEDICAL ST ANYTOWN, IA 52999			Provider and Phone Number DOE, JANE 319/555-1212
			Sample Type and Source Plasma specimen
			Sample Note(s) 1

RESULTS OF ANALYSIS - FINAL REPORT Report Status: Final Report or Interim Report

<u>TEST</u>	<u>RESULT (IU/mL)</u>	<u>Units</u>	<u>ANALYSIS NOTE(S)</u>
<i>QuantiFERON-TB Gold Plus, ELISA</i> QuantIFERON-TB Gold Plus Nil TB1 Antigen minus Nil TB2 Antigen minus Nil Mitogen minus Nil	Negative 0.01 0 0 >10		2

SAMPLE AND ANALYSIS NOTES Sample and Analysis Quality Assurance (QA) Events, Notes, and Test Trailers

- If there is a sample-level note, it will be displayed here.
 - POSITIVE:**
 M. tuberculosis infection is likely. TB1 antigen and/or TB2 antigen minus Nil is > or =0.35 IU/mL AND > or = 25% of Nil. Positive results in patients at low-risk for TB should be interpreted with caution and repeat testing on a new sample should be considered. False-positive results may occur in patients with prior infection with M marinum, M szulgai, or M kansasii.
- NEGATIVE:**
 M. tuberculosis infection is NOT likely. TB1 antigen and/or TB2 antigen minus Nil is <0.35 OR > or =0.35 IU/mL AND <25% of Nil. A single negative result does not exclude TB infection. In patients at high risk for M tuberculosis infection, a second test should be considered.
- INDETERMINATE:**
 Likelihood of M. tuberculosis infection cannot be determined. Indeterminate due to a low IFN-gamma level in the mitogen (positive control) tube may occur due to a low lymphocyte count, reduced lymphocyte activity, or inability of the patient's lymphocytes to generate IFN-gamma. Indeterminate due to a high level of IFN-gamma in the Nil (negative control) tube may occur due to heterophile antibody effects or nonspecific, circulating IFN-gamma in the patient's blood sample. Repeat testing on a new specimen is suggested.

See CDC guidelines for diagnosing and treating TB disease.

ANALYSIS INFORMATION

TEST 1. QuantiFERON-TB Gold Plus, ELISA	ANALYZED 2019-01-18 08:17 MB	SITE 10303	RELEASED 2019-01-18 14:04 MBH
---	--	----------------------	---

DESCRIPTION OF UNITS

IU/mL = International Units per Milliliter



Patient Name	Birth Date	Client Reference	Accession #
SAWYER, TOM	1980-02-25	47865-8645	378968

SITE(S) PERFORMING TESTING

10303 STATE HYGIENIC LABORATORY CORALVILLE, UNIVERSITY OF IOWA RESEARCH PK, 2490 CROSSPARK RD, CORALVILLE, IA 52241; Phone 319/335-4500; Fax 319/335-4555; Wade K. Aldous, Ph.D. (D)ABMM, Associate Director

The result(s) of this report relate only to the items analyzed. This report shall not be reproduced except in full without the written approval of the laboratory.