

PATIENT INFORMATION
KIM, SEOHYUNREPORT STATUS **FINAL**

QUEST DIAGNOSTICS INCORPORATED

DOB: 09/23/1994 AGE: 18
GENDER: F FASTING: YORDERING PHYSICIAN
TOSICK, MARIANNE

SPECIMEN INFORMATION

SPECIMEN: BE3016720
REQUISITION:ID:
PHONE: 925-588-5949CLIENT INFORMATION
92232 999999
BAYSIDE PEDIATRICS
5601 NORRIS CANYON RD STE 230
SAN RAMON, CA 94583
925-277-7550COLLECTED: 07/24/13 09:50
RECEIVED: 07/24/13 09:56
REPORTED: 07/30/13 14:43

COMMENTS: CHART #: NOT GIVEN

Test Name	In Range	Out of Range	Reference Range	Lab
TRIGLYCERIDES	79		40-136 mg/dL	SJ
LIPID PROFILE				
CHOLESTEROL, TOTAL	167		125-170 mg/dL	SJ
TRIGLYCERIDES	79		40-136 mg/dL	SJ
LDL CHOLESTEROL (CALCULATED)	93		<110 mg/dL	SJ
DESIRABLE RANGE <100 mg/dL FOR PATIENTS WITH CHD OR DIABETES AND <70 mg/dL FOR DIABETIC PATIENTS WITH KNOWN HEART DISEASE.				
CHOLESTEROL, HDL	58		36-76 mg/dL	SJ
non-HDL CHOLESTEROL	109		<120 mg/dL	SJ
CHOLESTEROL/HDL RATIO	2.9		< OR = 5.0	SJ
LDL/HDL RATIO	1.60		AV.RISK 2.35-4.12	SJ
MALE: BELOW AVERAGE RISK: <2.28				
AVERAGE RISK: 2.29-4.90				
MODERATE RISK: 4.91-7.12				
HIGH RISK: >7.13				
FEMALE: BELOW AVERAGE RISK <2.34				
AVERAGE RISK: 2.35-4.12				
MODERATE RISK: 4.13-5.56				
HIGH RISK: >5.57				

UNABLE TO COLLECT

Patient presented at our collection site and we were unable to obtain the specimen. Patient was advised to return for collection.		SC
UNABLE TO COLLECT TEST 1	NOTHING TO FOLLOW	SC
QUANTIFERON(R)-TB GOLD	NEGATIVE	SC
NEGATIVE TEST RESULT. M. TUBERCULOSIS COMPLEX INFECTION UNLIKELY		SC
NIL	-0.03 IU/mL	SC

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LAB CHECKED IN 7-30-13 JV
 REVIEWED BY M.D. reviewed by PV.
 FOLLOW UP NEEDED
 PATIENT NOTIFIED Patient notified of
lab results i school
form ready for PV.

REPORT STATUS **FINAL**PATIENT INFORMATION
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Test Name	In Range	Out of Range	Reference Range	Lab
MITOGEN-NIL	9.25		IU/mL	SC
TB-NIL	0.00		IU/mL	SC

The Nil tube value is used to determine if the patient has preexisting immune response which could cause a false-positive reading on the test. In order for a test to be valid, the Nil tube must have a value of $< \text{or} = 8.0 \text{ IU/mL}$.

The mitogen control tube is used to assure the patient has a healthy immune status and also serves as a control for correct blood handling and incubation. It is used to detect false-negative readings. The mitogen tube must have a gamma interferon value $> \text{or} = 0.5 \text{ IU/mL}$ higher than the value of the Nil tube.

The TB Antigen tube is coated with the M tuberculosis specific antigens. For a test to be considered positive, the TB antigen tube value minus the Nil tube value must be $> \text{or} = 0.35 \text{ IU/mL}$.

For additional information, please refer to
<http://education.questdiagnostics.com/faq/QFT>

Data on the performance of the test in children younger than 5 years of age are limited, and the CDC advises that caution is warranted when using the assay in children aged $< 5 \text{ years}$ (MMWR 2010;59(RR-05):1-25).

CBC (INCLUDES DIFF/PLT)			
WHITE BLOOD CELL COUNT	5.3	4.5-13.0 Thousand/uL	SJ
RED BLOOD CELL COUNT	4.29	3.80-5.10 Million/uL	SJ
HEMOGLOBIN	13.5	11.5-15.3 g/dL	SJ
HEMATOCRIT	40.7	34.0-46.0 %	SJ
MCV	95	78.0-98.0 fL	SJ
MCH	31.4	25.0-35.0 pg	SJ
MCHC	33.1	31.0-36.0 g/dL	SJ
RDW	12.8	11.0-15.0 %	SJ
PLATELET COUNT	218	140-400 Thousand/uL	SJ
ABSOLUTE NEUTROPHILS	3180	1800-8000 Cells/uL	SJ
ABSOLUTE LYMPHOCYTES	1855	1200-5200 Cells/uL	SJ
ABSOLUTE MONOCYTES	265	200-900 Cells/uL	SJ
ABSOLUTE EOSINOPHILS	53	15-500 Cells/uL	SJ
ABSOLUTE BASOPHILS	0	0-200 Cells/uL	SJ
NEUTROPHILS	60	%	SJ
LYMPHOCYTES	35	%	SJ
MONOCYTES	5	%	SJ
EOSINOPHILS	1	%	SJ
BASOPHILS	0	%	SJ

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