Quest Diagnostics

Report Status: Final

Patient Information	Specimen Information	Client Information
DOB: **AGE:** Gender: Phone: Patient ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

COMMENTS: FASTING:YES

Test Name	In Range	Out Of Range	Reference Range	Lab
THYROID PANEL WITH TSH				
THYROID PANEL				
T3 UPTAKE	30		22-35 %	
T4 (THYROXINE), TOTAL		**14.5 H**	5.1-11.9 mcg/dL	
FREE T4 INDEX (T7)		**4.4 H**	1.4-3.8	
TSH		**0.11 L**	0.40-4.50 mIU/L	
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	168		<200 mg/dL	
HDL CHOLESTEROL		**41 L**	>50 mg/dL	
TRIGLYCERIDES	114		<150 mg/dL	
LDL-CHOLESTEROL		**106 H**	mg/dL (calc)	
Reference range: <100				
Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.				
LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)				
CHOL/HDLC RATIO	4.1		<5.0 (calc)	
NON HDL CHOLESTEROL	127		<130 mg/dL (calc)	
For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.				
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	96		65-99 mg/dL	
			Fasting reference interval	
UREA NITROGEN (BUN)	13		7-25 mg/dL	
CREATININE	0.63		0.50-0.99 mg/dL	
For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.				
eGFR NON-AFR. AMERICAN	95		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	111		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.1		3.5-5.3 mmol/L	
CHLORIDE	104		98-110 mmol/L	
CARBON DIOXIDE	26		20-32 mmol/L	
CALCIUM	9.1		8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.5		6.1-8.1 g/dL	
ALBUMIN	4.2		3.6-5.1 g/dL	
GLOBULIN	3.3		1.9-3.7 g/dL (calc)	

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ALBUMIN/GLOBULIN RATIO	1.3		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	50		33-130 U/L	
AST	24		10-35 U/L	
ALT	13		6-29 U/L	
PHOSPHATE (AS PHOSPHORUS)	3.6		2.5-4.5 mg/dL	
URIC ACID	5.0		2.5-7.0 mg/dL	
Therapeutic target for gout patients: <6.0 mg/dL				
LD	176		120-250 U/L	
GGT	21		3-65 U/L	
SED RATE BY MODIFIED WESTERGREN		**55 H**	< OR = 30 mm/h	
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	8.8		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.54		3.80-5.10 Million/uL	
HEMOGLOBIN	12.6		11.7-15.5 g/dL	
HEMATOCRIT	38.0		35.0-45.0 %	
MCV	83.7		80.0-100.0 fL	
MCH	27.8		27.0-33.0 pg	
MCHC	33.2		32.0-36.0 g/dL	
RDW	13.1		11.0-15.0 %	
PLATELET COUNT	187		140-400 Thousand/uL	
MPV	11.8		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	6292		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1654		850-3900 cells/uL	
ABSOLUTE MONOCYTES	458		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	334		15-500 cells/uL	
ABSOLUTE BASOPHILS	62		0-200 cells/uL	
NEUTROPHILS	71.5		%	
LYMPHOCYTES	18.8		%	
MONOCYTES	5.2		%	
EOSINOPHILS	3.8		%	
BASOPHILS	0.7		%	
IRON, TOTAL		**31 L**	45-160 mcg/dL	
RHEUMATOID FACTOR	<14		<14 IU/mL	
C-REACTIVE PROTEIN		**22.4 H**	<8.0 mg/L	

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Immunology

Test Name	Result	Reference Range	Lab
ANA SCREEN, IFA, W/REFL TITER AND PATTERN			
ANA SCREEN, IFA	NEGATIVE	NEGATIVE	

ANA IFA is a first line screen for detecting the presence of up to approximately 150 autoantibodies in various autoimmune diseases. A negative ANA IFA result suggests ANA-associated autoimmune diseases are not present at this time.

Visit Physician FAQs for interpretation of all antibodies in the Cascade, prevalence, and association with diseases at http:// education.QuestDiagnostics.com/ faq/FAQ177

Physician Comments:

PERFORMING SITE:

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