

Patient Information	Specimen Information	Client Information
<b>DOB:</b> <b>AGE:</b> 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	32		22-35 %	
T4 (THYROXINE), TOTAL	6.6		4.9-10.5 mcg/dL	
FREE T4 INDEX (T7)	2.1		1.4-3.8	
TSH	2.14		0.40-4.50 mIU/L	
LIPID PANEL, STANDARD				
<b>CHOLESTEROL, TOTAL</b>		<b>214 H</b>	<200 mg/dL	
HDL CHOLESTEROL	70		>40 mg/dL	
TRIGLYCERIDES	142		<150 mg/dL	
<b>LDL-CHOLESTEROL</b>		<b>119 H</b>	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 ( <a href="http://education.QuestDiagnostics.com/faq/FAQ164">http://education.QuestDiagnostics.com/faq/FAQ164</a> )				
CHOL/HDL-C RATIO	3.1		<5.0 (calc)	
<b>NON HDL CHOLESTEROL</b>		<b>144 H</b>	<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	92		65-99 mg/dL	
			Fasting reference interval	
UREA NITROGEN (BUN)	16		7-25 mg/dL	
CREATININE	0.82		0.60-1.35 mg/dL	
eGFR NON-AFR. AMERICAN	106		> OR = 60 mL/min/1.73m <sup>2</sup>	
eGFR AFRICAN AMERICAN	123		> OR = 60 mL/min/1.73m <sup>2</sup>	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	139		135-146 mmol/L	
POTASSIUM	4.1		3.5-5.3 mmol/L	
CHLORIDE	103		98-110 mmol/L	
CARBON DIOXIDE	28		20-32 mmol/L	
CALCIUM	9.3		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL	
ALBUMIN	4.4		3.6-5.1 g/dL	
GLOBULIN	2.8		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.9		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	44		40-115 U/L	
AST	35		10-40 U/L	

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ALT	26		9-46 U/L	
PHOSPHATE (AS PHOSPHORUS)	3.5		2.5-4.5 mg/dL	
URIC ACID	5.5		4.0-8.0 mg/dL	
Therapeutic target for gout patients: <6.0 mg/dL				
LD	193		100-220 U/L	
GGT	43		3-95 U/L	
T4, FREE	1.1		0.8-1.8 ng/dL	
T3, FREE	3.3		2.3-4.2 pg/mL	
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	4.3		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.76		4.20-5.80 Million/uL	
HEMOGLOBIN	14.6		13.2-17.1 g/dL	
HEMATOCRIT	42.2		38.5-50.0 %	
MCV	88.7		80.0-100.0 fL	
MCH	30.7		27.0-33.0 pg	
MCHC	34.6		32.0-36.0 g/dL	
RDW	12.4		11.0-15.0 %	
PLATELET COUNT	210		140-400 Thousand/uL	
MPV	9.4		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	1918		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1557		850-3900 cells/uL	
ABSOLUTE MONOCYTES	593		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	172		15-500 cells/uL	
ABSOLUTE BASOPHILS	60		0-200 cells/uL	
NEUTROPHILS	44.6		%	
LYMPHOCYTES	36.2		%	
MONOCYTES	13.8		%	
EOSINOPHILS	4.0		%	
BASOPHILS	1.4		%	
<b>IRON, TOTAL</b>		<b>205 H</b>	50-180 mcg/dL	

**PERFORMING SITE:**