

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	29		22-35 %	
T4 (THYROXINE), TOTAL	9.6		5.1-11.9 mcg/dL	
FREE T4 INDEX (T7)	2.8		1.4-3.8	
TSH	3.00		mIU/L	
			Reference Range	
			> or = 20 Years	0.40-4.50
			Pregnancy Ranges	
			First trimester	0.26-2.66
			Second trimester	0.55-2.73
			Third trimester	0.43-2.91
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	199		<200 mg/dL	
HDL CHOLESTEROL	53		>50 mg/dL	
TRIGLYCERIDES		204 H	<150 mg/dL	
LDL-CHOLESTEROL		114 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/HDLRATIO	3.8		<5.0 (calc)	
NON HDL CHOLESTEROL		146 H	<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	99		65-99 mg/dL	
			Fasting reference interval	
UREA NITROGEN (BUN)	14		7-25 mg/dL	
CREATININE	0.67		0.50-1.05 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	102		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	119		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	

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SODIUM	136		135-146 mmol/L	
POTASSIUM		3.3 L	3.5-5.3 mmol/L	
CHLORIDE		92 L	98-110 mmol/L	
CARBON DIOXIDE		34 H	20-32 mmol/L	
CALCIUM	9.5		8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.9		6.1-8.1 g/dL	
ALBUMIN	4.6		3.6-5.1 g/dL	
GLOBULIN	3.3		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.4		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	90		33-130 U/L	
AST	33		10-35 U/L	
ALT		34 H	6-29 U/L	
PHOSPHATE (AS PHOSPHORUS)	3.7		2.5-4.5 mg/dL	
URIC ACID	5.4		2.5-7.0 mg/dL	
Therapeutic target for gout patients: <6.0 mg/dL				
LD	157		120-250 U/L	
GGT	30		3-70 U/L	
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	6.8		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.95		3.80-5.10 Million/uL	
HEMOGLOBIN		16.2 H	11.7-15.5 g/dL	
HEMATOCRIT		46.7 H	35.0-45.0 %	
MCV	94.3		80.0-100.0 fL	
MCH	32.7		27.0-33.0 pg	
MCHC	34.7		32.0-36.0 g/dL	
RDW	12.1		11.0-15.0 %	
PLATELET COUNT	303		140-400 Thousand/uL	
MPV	11.2		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3454		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2754		850-3900 cells/uL	
ABSOLUTE MONOCYTES	469		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	102		15-500 cells/uL	
ABSOLUTE BASOPHILS	20		0-200 cells/uL	
NEUTROPHILS	50.8		%	
LYMPHOCYTES	40.5		%	
MONOCYTES	6.9		%	
EOSINOPHILS	1.5		%	
BASOPHILS	0.3		%	
IRON, TOTAL	152		45-160 mcg/dL	

PERFORMING SITE: