

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL				
CHOLESTEROL, TOTAL		202 H	125-200 mg/dL	CB
HDL CHOLESTEROL		37 L	> OR = 40 mg/dL	CB
TRIGLYCERIDES	117		<150 mg/dL	CB
LDL-CHOLESTEROL		142 H	<130 mg/dL (calc)	CB

Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.

CHOL/HDL-C RATIO		5.5 H	< OR = 5.0 (calc)	CB
PLEASE NOTE:				CB
See Endnote 1				

COMPREHENSIVE METABOLIC PANEL				CB
GLUCOSE	89		65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	20		7-25 mg/dL	
CREATININE	1.06		0.78-1.34 mg/dL	
eGFR NON-APR. AMERICAN	84		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	98		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.3		3.5-5.3 mmol/L	
CHLORIDE	109		98-110 mmol/L	
CARBON DIOXIDE	22		21-33 mmol/L	
CALCIUM	9.1		8.6-10.2 mg/dL	
PROTEIN, TOTAL	6.4		6.2-8.3 g/dL	
ALBUMIN	4.3		3.6-5.1 g/dL	
GLOBULIN	2.1		2.1-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.0		1.0-2.1 (calc)	
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	51		40-115 U/L	
AST	27		10-40 U/L	
ALT	52		9-60 U/L	
TESTOSTERONE, FREE AND TOTAL, LC/MS/MS				EZ
TESTOSTERONE, TOTAL, LC/MS/MS		213 L	250-1100 ng/dL	

Total Testosterone was measured by LCMSMS. The LCMSMS method correlates well with our extraction/RIA method.

TESTOSTERONE, FREE	82.0		35.0-155.0 pg/mL	
RESULTS CONFIRMED BY REPEAT ANALYSIS.				
CBC (INCLUDES DIFF/PLT)				CB
WHITE BLOOD CELL COUNT	4.2		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.66		4.20-5.80 Million/uL	
HEMOGLOBIN	15.3		13.2-17.1 g/dL	
HEMATOCRIT	44.5		38.5-50.0 %	
MCV	95.4		80.0-100.0 fL	

Test Name	In Range	Out Of Range	Reference Range	Lab
MCH	32.7		27.0-33.0 pg	
MCHC	34.3		32.0-36.0 g/dL	
RDW	13.7		11.0-15.0 %	
PLATELET COUNT	215		140-400 Thousand/uL	
ABSOLUTE NEUTROPHILS	2096		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1592		850-3900 cells/uL	
ABSOLUTE MONOCYTES	357		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	130		15-500 cells/uL	
ABSOLUTE BASOPHILS	25		0-200 cells/uL	
NEUTROPHILS	49.9		%	
LYMPHOCYTES	37.9		%	
MONOCYTES	8.5		%	
EOSINOPHILS	3.1		%	
BASOPHILS	0.6		%	
PSA, TOTAL	0.5		< OR = 4.0 ng/mL	CB