



Patient Information	Specimen Information	Client Information

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
<b>CHOLESTEROL, TOTAL</b>		<b>257 H</b>	<200 mg/dL	CB
HDL CHOLESTEROL	56		> OR = 50 mg/dL	CB
TRIGLYCERIDES	132		<150 mg/dL	CB
<b>LDL-CHOLESTEROL</b>		<b>174 H</b>	mg/dL (calc)	CB
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/HDL-C RATIO	4.6		<5.0 (calc)	CB
<b>NON HDL CHOLESTEROL</b>		<b>201 H</b>	<130 mg/dL (calc)	CB
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				CB
<b>GLUCOSE</b>		<b>237 H</b>	65-99 mg/dL	
Fasting reference interval				
For someone without known diabetes, a glucose value >125 mg/dL indicates that they may have diabetes and this should be confirmed with a follow-up test.				
UREA NITROGEN (BUN)	14		7-25 mg/dL	
CREATININE	0.66		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-APR. AMERICAN	97		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	112		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	135		135-146 mmol/L	
POTASSIUM	4.5		3.5-5.3 mmol/L	
<b>CHLORIDE</b>		<b>96 L</b>	98-110 mmol/L	
CARBON DIOXIDE	30		20-32 mmol/L	
CALCIUM	9.7		8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.0		6.1-8.1 g/dL	
ALBUMIN	4.3		3.6-5.1 g/dL	
GLOBULIN	2.7		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	



Patient Information	Specimen Information	Client Information

Test Name	In Range	Out Of Range	Reference Range	Lab
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	70		37-153 U/L	
AST	16		10-35 U/L	
ALT	17		6-29 U/L	
TSH	2.43		0.40-4.50 mIU/L	CB
CBC (INCLUDES DIFF/PLT)				CB
WHITE BLOOD CELL COUNT	6.0		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.87		3.80-5.10 Million/uL	
HEMOGLOBIN	14.8		11.7-15.5 g/dL	
HEMATOCRIT	43.7		35.0-45.0 %	
MCV	89.7		80.0-100.0 fL	
MCH	30.4		27.0-33.0 pg	
MCHC	33.9		32.0-36.0 g/dL	
RDW	12.0		11.0-15.0 %	
PLATELET COUNT	258		140-400 Thousand/uL	
MPV	11.0		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2460		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1956		850-3900 cells/uL	
ABSOLUTE MONOCYTES	450		200-950 cells/uL	
<b>ABSOLUTE EOSINOPHILS</b>		<b>1014 H</b>	15-500 cells/uL	
ABSOLUTE BASOPHILS	120		0-200 cells/uL	
NEUTROPHILS	41		%	
LYMPHOCYTES	32.6		%	
MONOCYTES	7.5		%	
EOSINOPHILS	16.9		%	
BASOPHILS	2.0		%	
URINALYSIS, COMPLETE				CB
COLOR	YELLOW		YELLOW	
APPEARANCE	CLEAR		CLEAR	
SPECIFIC GRAVITY	1.013		1.001-1.035	
PH	7.5		5.0-8.0	
GLUCOSE	NEGATIVE		NEGATIVE	
BILIRUBIN	NEGATIVE		NEGATIVE	
KETONES	NEGATIVE		NEGATIVE	
OCCULT BLOOD	NEGATIVE		NEGATIVE	
PROTEIN	NEGATIVE		NEGATIVE	
NITRITE	NEGATIVE		NEGATIVE	
LEUKOCYTE ESTERASE	NEGATIVE		NEGATIVE	
WBC	NONE SEEN		< OR = 5 /HPF	
RBC	NONE SEEN		< OR = 2 /HPF	
SQUAMOUS EPITHELIAL CELLS	NONE SEEN		< OR = 5 /HPF	
BACTERIA	NONE SEEN		NONE SEEN /HPF	
HYALINE CAST	NONE SEEN		NONE SEEN /LPF	

**PERFORMING SITE:**

CB QUEST DIAGNOSTICS WOOD DALE, 1355 MITTEL BOULEVARD, WOOD DALE, IL 60191-1024 Laboratory Director: ANTHONY V. THOMAS, MD, CLIA: 14D0417052