

Patient Information	Specimen Information	Client Information

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	181		<200 mg/dL	NL1
HDL CHOLESTEROL	45		> OR = 40 mg/dL	NL1
TRIGLYCERIDES	80		<150 mg/dL	NL1
<b>LDL-CHOLESTEROL</b>		<b>119 H</b>	mg/dL (calc)	NL1
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/HDLRATIO	4.0		<5.0 (calc)	NL1
<b>NON HDL CHOLESTEROL</b>		<b>136 H</b>	<130 mg/dL (calc)	NL1
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				NL1
GLUCOSE	88		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	14		7-25 mg/dL	
CREATININE	0.99		0.60-1.26 mg/dL	
EGFR	101		> OR = 60 mL/min/1.73m <sup>2</sup>	
The eGFR is based on the CKD-EPI 2021 equation. To calculate the new eGFR from a previous Creatinine or Cystatin C result, go to <a href="https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator">https://www.kidney.org/professionals/ kdoqi/gfr%5Fcalculator</a>				
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	139		135-146 mmol/L	
POTASSIUM	4.1		3.5-5.3 mmol/L	
CHLORIDE	101		98-110 mmol/L	
CARBON DIOXIDE	30		20-32 mmol/L	
CALCIUM	9.7		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.4		6.1-8.1 g/dL	
ALBUMIN	4.8		3.6-5.1 g/dL	
GLOBULIN	2.6		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.8		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.8		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	67		36-130 U/L	
AST	33		10-40 U/L	
ALT	31		9-46 U/L	
CBC (INCLUDES DIFF/PLT)				NL1
WHITE BLOOD CELL COUNT	5.7		3.8-10.8 Thousand/uL	

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RED BLOOD CELL COUNT	5.74		4.20-5.80 Million/uL	
<b>HEMOGLOBIN</b>		<b>17.6 H</b>	13.2-17.1 g/dL	
HEMATOCRIT	49.9		38.5-50.0 %	
MCV	86.9		80.0-100.0 fL	
MCH	30.7		27.0-33.0 pg	
MCHC	35.3		32.0-36.0 g/dL	
RDW	13.0		11.0-15.0 %	
PLATELET COUNT	193		140-400 Thousand/uL	
MPV	10.9		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2594		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2348		850-3900 cells/uL	
ABSOLUTE MONOCYTES	564		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	143		15-500 cells/uL	
ABSOLUTE BASOPHILS	51		0-200 cells/uL	
NEUTROPHILS	45.5		%	
LYMPHOCYTES	41.2		%	
MONOCYTES	9.9		%	
EOSINOPHILS	2.5		%	
BASOPHILS	0.9		%	
URINALYSIS, COMPLETE				NL1
COLOR	YELLOW		YELLOW	
APPEARANCE	CLEAR		CLEAR	
SPECIFIC GRAVITY	1.004		1.001-1.035	
PH	8.0		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	
This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements. Only those elements seen were reported.				
IRON AND TOTAL IRON BINDING CAPACITY				NL1
IRON, TOTAL	166		50-180 mcg/dL	
IRON BINDING CAPACITY	353		250-425 mcg/dL (calc)	
% SATURATION	47		20-48 % (calc)	

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**Endocrinology**

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	92	30-100 ng/mL	NL1
Vitamin D Status                      25-OH Vitamin D: Deficiency:                                      <20 ng/mL Insufficiency:                                    20 - 29 ng/mL Optimal:    > or = 30 ng/mL  For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs).  For additional information, please refer to <a href="http://education.QuestDiagnostics.com/faq/FAQ199">http://education.QuestDiagnostics.com/faq/FAQ199</a> (This link is being provided for informational/ educational purposes only.)  Physician Comments:			

**PERFORMING SITE:**

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