

Patient Information	Specimen Information	Client Information
SHIMAZ, SHIM DOB: 08/12/1976 AGE: 41 Gender: M Fasting: Y Phone: NG Patient ID: NG	Specimen: AL577188M Requisition: 0485561 Collected: 12/19/2017 / 08:30 CST Received: 12/19/2017 / 23:36 CST Reported: 12/20/2017 / 04:58 CST	Client #: 49100638 QATL0000 TUCK, PAMELA P AUM NURSING CARE CENTER 7461 EAST DRIVE #102 MONTGOMERY, AL 36117

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL				
CHOLESTEROL, TOTAL	187		<200 mg/dL	AT
HDL CHOLESTEROL		25 L	>40 mg/dL	AT
TRIGLYCERIDES	126		<150 mg/dL	AT
LDL-CHOLESTEROL		137 H	mg/dL (calc)	AT
Reference range: <100				

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

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	7.5 H	<5.0 (calc)	AT
NON HDL CHOLESTEROL	162 H	<130 mg/dL (calc)	AT

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				AT
GLUCOSE	113 H	65-99 mg/dL		

Fasting reference interval

For someone without known diabetes, a glucose value between 100 and 125 mg/dL is consistent with prediabetes and should be confirmed with a follow-up test.

UREA NITROGEN (BUN)	16	7-25 mg/dL
CREATININE	0.97	0.60-1.35 mg/dL
eGFR NON-AFR. 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	138	135-146 mmol/L
POTASSIUM	4.6	3.5-5.3 mmol/L
CHLORIDE	106	98-110 mmol/L
CARBON DIOXIDE	23	20-31 mmol/L
CALCIUM	9.0	8.6-10.3 mg/dL
PROTEIN, TOTAL	7.0	6.1-8.1 g/dL
ALBUMIN	4.4	3.6-5.1 g/dL
GLOBULIN	2.6	1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.7	1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.3	0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	69	40-115 U/L
AST	23	10-40 U/L
ALT	37	9-46 U/L

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PERFORMING SITE:

AT QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: ANDREW N YOUNG, MD, PHD, CLIA: 11D0255931

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

HDL CHOLESTEROL	25 L	>40 mg/dL	AT
LDL-CHOLESTEROL	137 H	mg/dL (calc)	AT
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