

Patient Information	Specimen Information	Client Information
SHIMAZ, EMILY DOB: 09/28/1988 AGE: 29 Gender: F Fasting: Y Phone: NG Patient ID: NG	Specimen: AL418484M Requisition: 0485576 Collected: 12/13/2017 / 09:10 CST Received: 12/14/2017 / 01:34 CST Reported: 12/14/2017 / 03:32 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	157		<200 mg/dL	AT
HDL CHOLESTEROL		42 L	>50 mg/dL	AT
TRIGLYCERIDES	61		<150 mg/dL	AT
LDL-CHOLESTEROL		100 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	3.7		<5.0 (calc)	AT
NON HDL CHOLESTEROL	115		<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	93		65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	18		7-25 mg/dL	
CREATININE	0.70		0.50-1.10 mg/dL	
eGFR NON-AFR. AMERICAN	117		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	136		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.2		3.5-5.3 mmol/L	
CHLORIDE	107		98-110 mmol/L	
CARBON DIOXIDE	22		20-31 mmol/L	
CALCIUM	9.2		8.6-10.2 mg/dL	
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL	
ALBUMIN	4.8		3.6-5.1 g/dL	
GLOBULIN	2.4		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.0		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	68		33-115 U/L	
AST	17		10-30 U/L	
ALT	11		6-29 U/L	

PERFORMING SITE:

AT QUEST DIAGNOSTICS-ATLANTA, 1777 MONTREAL CIRCLE, TUCKER, GA 30084-6802 Laboratory Director: ANDREW N YOUNG, MD, PhD, CLIA: H10255931

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

HDL CHOLESTEROL	42 L	>50 mg/dL	AT
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LDL-CHOLESTEROL

100 H

mg/dL (calc)

AT

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