

Patient Information	Specimen Information	Client Information
SMITH, GERRY DOB: 06/16/1963 AGE: 57 Gender: M Fasting: U Phone: 706.501.9420 Patient ID: NG	Specimen: AL735634X Requisition: 4285240 Collected: 12/07/2020 / 11:19 CST Received: 12/08/2020 / 03:35 CST Reported: 12/10/2020 / 03:17 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, STANDARD				
CHOLESTEROL, TOTAL		240 H	<200 mg/dL	AT
HDL CHOLESTEROL		28 L	> OR = 40 mg/dL	AT
TRIGLYCERIDES		449 H	<150 mg/dL	AT

If a non-fasting specimen was collected, consider repeat triglyceride testing on a fasting specimen if clinically indicated.
 Jacobson et al. J. of Clin. Lipidol. 2015;9:129-169.

LDL-CHOLESTEROL mg/dL (calc) AT

LDL cholesterol not calculated. Triglyceride levels greater than 400 mg/dL invalidate calculated LDL results.

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	8.6 H	<5.0 (calc)	AT
NON HDL CHOLESTEROL	212 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	87	65-99 mg/dL	
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Fasting reference interval

UREA NITROGEN (BUN)	20	7-25 mg/dL	
CREATININE	1.14	0.70-1.33 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-AFR. AMERICAN	71	> OR = 60 mL/min/1.73m2
eGFR AFRICAN AMERICAN	82	> OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO	NOT APPLICABLE	6-22 (calc)
SODIUM	140	135-146 mmol/L
POTASSIUM	4.2	3.5-5.3 mmol/L
CHLORIDE	105	98-110 mmol/L
CARBON DIOXIDE	21	20-32 mmol/L
CALCIUM	9.6	8.6-10.3 mg/dL

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Test Name	In Range	Out Of Range	Reference Range	Lab
PROTEIN, TOTAL	6.6		6.1-8.1 g/dL	
ALBUMIN	4.4		3.6-5.1 g/dL	
GLOBULIN	2.2		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.0		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	80		35-144 U/L	
AST	21		10-35 U/L	
ALT	22		9-46 U/L	
URIC ACID		8.8 H	4.0-8.0 mg/dL	AT
Therapeutic target for gout patients: <6.0 mg/dL				

TSH	2.15		0.40-4.50 mIU/L	AT
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	7.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	5.30		4.20-5.80 Million/uL	
HEMOGLOBIN	14.1		13.2-17.1 g/dL	
HEMATOCRIT	44.2		38.5-50.0 %	
MCV	83.4		80.0-100.0 fL	
MCH		26.6 L	27.0-33.0 pg	
MCHC		31.9 L	32.0-36.0 g/dL	
RDW	13.2		11.0-15.0 %	
PLATELET COUNT	197		140-400 Thousand/uL	
MPV	11.5		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	5155		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1441		850-3900 cells/uL	
ABSOLUTE MONOCYTES	249		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	227		15-500 cells/uL	
ABSOLUTE BASOPHILS	28		0-200 cells/uL	
NEUTROPHILS	72.6		%	
LYMPHOCYTES	20.3		%	
MONOCYTES	3.5		%	
EOSINOPHILS	3.2		%	
BASOPHILS	0.4		%	

PATIENT ID APPROVAL AT

TIQ DOCUMENTATION

Identification of test requisition and/or specimen(s) was questionable. The below named individual provided this revised patient identification.

CONTACT JAPNICA HOWARD
TESTS AFFECTED 10231 6399 7600 5363 905
899

PSA, TOTAL 1.7 < OR = 4.0 ng/mL AT

The total PSA value from this assay system is standardized against the WHO standard. The test result will be approximately 20% lower when compared to the equimolar-standardized total PSA (Beckman Coulter). Comparison of serial PSA results should be interpreted with this fact in mind.

This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

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PERFORMING SITE:

AT QUEST DIAGNOSTICS-ATLANTA, 1770 MONTREAL CIRCLE, TUCKER, GA 30064-6802 Laboratory Director: ANDREW N YOUNG, MD, PHD, CLIA 11D0255931

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

CHOLESTEROL, TOTAL	240 H	<200 mg/dL	AT
HDL CHOLESTEROL	28 L	> OR = 40 mg/dL	AT
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Therapeutic target for gout patients: <6.0 mg/dL

MCH	26.6 L	27.0-33.0 pg	AT
MCHC	31.9 L	32.0-36.0 g/dL	AT