

Patient Information	Specimen Information	Client Information
HIGDON, LEON DOB: 03/20/1966 AGE: 53 Gender: M Fasting: Y Phone: NG Patient ID: NG	Specimen: AL127685G Requisition: 2048346 Collected: 07/26/2019 / 08:50 CDT Received: 07/27/2019 / 00:27 CDT Reported: 07/27/2019 / 08:00 CDT	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		225 H	<200 mg/dL	AT
HDL CHOLESTEROL	47		>40 mg/dL	AT
TRIGLYCERIDES		258 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	138 H	mg/dL (calc)	AT
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	4.8	<5.0 (calc)	AT
NON HDL CHOLESTEROL	178 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	94	65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	15	7-25 mg/dL
CREATININE	1.08	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	78	> OR = 60 mL/min/1.73m2
eGFR AFRICAN AMERICAN	90	> OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO	NOT APPLICABLE	6-22 (calc)
SODIUM	132 L	135-146 mmol/L
POTASSIUM	4.5	3.5-5.3 mmol/L
CHLORIDE	98	98-110 mmol/L
CARBON DIOXIDE	20	20-32 mmol/L
CALCIUM	9.6	8.6-10.3 mg/dL
PROTEIN, TOTAL	6.8	6.1-8.1 g/dL
ALBUMIN	4.3	3.6-5.1 g/dL
GLOBULIN	2.5	1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.7	1.0-2.5 (calc)

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Test Name	In Range	Out Of Range	Reference Range	Lab
BILIRUBIN, TOTAL	0.7		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	60		40-115 U/L	
AST	21		10-35 U/L	
ALT		54 H	9-46 U/L	
TSH W/REFLEX TO FT4	1.76		0.40-4.50 mIU/L	AT
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	7.0		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.83		4.20-5.80 Million/uL	
HEMOGLOBIN	15.3		13.2-17.1 g/dL	
HEMATOCRIT	44.3		38.5-50.0 %	
MCV	91.7		80.0-100.0 fL	
MCH	31.7		27.0-33.0 pg	
MCHC	34.5		32.0-36.0 g/dL	
RDW	12.3		11.0-15.0 %	
PLATELET COUNT	302		140-400 Thousand/uL	
MPV	9.6		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	4137		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1743		850-3900 cells/uL	
ABSOLUTE MONOCYTES	651		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	378		15-500 cells/uL	
ABSOLUTE BASOPHILS	91		0-200 cells/uL	
NEUTROPHILS	59.1		%	
LYMPHOCYTES	24.9		%	
MONOCYTES	9.3		%	
EOSINOPHILS	5.4		%	
BASOPHILS	1.3		%	

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Endocrinology

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	29 L	30-100 ng/mL	AT
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 more information on this test, go to: http://education.questdiagnostics.com/faq/FAQ163 (This link is being provided for informational/educational purposes only.)			
Physician Comments:			

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:

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ALT	54 H	9-46 U/L	AT
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Vitamin D Status 25-OH Vitamin D:
Deficiency: <20 ng/mL

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LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

Insufficiency: 20 - 29 ng/mL
Optimal: > or = 30 ng/mL

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D2-supplementation and patients for whom quantitation
of D2 and D3 fractions is required, the QuestAssureD(TM)
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