

Patient Information	Specimen Information	Client Information
RUDOLPH, LINDA DOB: 11/27/1961 AGE: 57 Gender: F Fasting: Y Phone: NG Patient ID: NG	Specimen: AL169842G Requisition: 2048305 Collected: 07/29/2019 / 10:45 CDT Received: 07/30/2019 / 00:32 CDT Reported: 07/30/2019 / 09:28 CDT	Client #: 49100638 QATL0000 WAGUESPACK, C 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	153		<200 mg/dL	AT
HDL CHOLESTEROL		47 L	>50 mg/dL	AT
TRIGLYCERIDES	69		<150 mg/dL	AT
LDL-CHOLESTEROL	90		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	3.3		<5.0 (calc)	AT
NON HDL CHOLESTEROL	106		<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		103 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)	12		7-25 mg/dL	
CREATININE		1.20 H	0.50-1.05 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		50 L	> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN		58 L	> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	10		6-22 (calc)	
SODIUM	141		135-146 mmol/L	
POTASSIUM	4.0		3.5-5.3 mmol/L	
CHLORIDE	108		98-110 mmol/L	
CARBON DIOXIDE	23		20-32 mmol/L	
CALCIUM	9.9		8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.0		6.1-8.1 g/dL	
ALBUMIN	4.5		3.6-5.1 g/dL	
GLOBULIN	2.5		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.8		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL	

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Test Name	In Range	Out Of Range	Reference Range	Lab
ALKALINE PHOSPHATASE	98		33-130 U/L	
AST	16		10-35 U/L	
ALT	14		6-29 U/L	
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	6.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.83		3.80-5.10 Million/uL	
HEMOGLOBIN	14.8		11.7-15.5 g/dL	
HEMATOCRIT	43.3		35.0-45.0 %	
MCV	89.6		80.0-100.0 fL	
MCH	30.6		27.0-33.0 pg	
MCHC	34.2		32.0-36.0 g/dL	
RDW	13.4		11.0-15.0 %	
PLATELET COUNT	204		140-400 Thousand/uL	
MPV	10.6		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3026		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2440		850-3900 cells/uL	
ABSOLUTE MONOCYTES	451		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	110		15-500 cells/uL	
ABSOLUTE BASOPHILS	73		0-200 cells/uL	
NEUTROPHILS	49.6		%	
LYMPHOCYTES	40.0		%	
MONOCYTES	7.4		%	
EOSINOPHILS	1.8		%	
BASOPHILS	1.2		%	

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Endocrinology

Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	35	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:

HDL CHOLESTEROL	47 L	>50 mg/dL	AT
GLUCOSE	103 H	65-99 mg/dL	AT

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