

Patient Information	Specimen Information	Client Information
FREDERICKS, SARAH DOB: 07/19/1986 AGE: 34 Gender: F Fasting: U Phone: NG Patient ID: NG	Specimen: AL041960W Requisition: 2908567 Collected: 10/16/2020 / 09:28 CDT Received: 10/16/2020 / 23:05 CDT Reported: 10/17/2020 / 01:05 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		218 H	<200 mg/dL	AT
HDL CHOLESTEROL		39 L	> OR = 50 mg/dL	AT
TRIGLYCERIDES		288 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	135 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	5.6 H	<5.0 (calc)	AT
NON HDL CHOLESTEROL	179 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	83	65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	12	7-25 mg/dL
CREATININE	0.77	0.50-1.10 mg/dL
eGFR NON-AFR. AMERICAN	101	> OR = 60 mL/min/1.73m2
eGFR AFRICAN AMERICAN	117	> OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO	NOT APPLICABLE	6-22 (calc)
SODIUM	137	135-146 mmol/L
POTASSIUM	4.3	3.5-5.3 mmol/L
CHLORIDE	104	98-110 mmol/L
CARBON DIOXIDE	21	20-32 mmol/L
CALCIUM	9.2	8.6-10.2 mg/dL
PROTEIN, TOTAL	6.9	6.1-8.1 g/dL
ALBUMIN	4.4	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	0.7	0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	51	31-125 U/L
AST	28	10-30 U/L
ALT	34 H	6-29 U/L

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Test Name	In Range	Out Of Range	Reference Range	Lab
TSH	1.44		mIU/L Reference Range > or = 20 Years 0.40-4.50 Pregnancy Ranges First trimester 0.26-2.66 Second trimester 0.55-2.73 Third trimester 0.43-2.91	AT
CBC (INCLUDES DIFF/PLT)				AT
WHITE BLOOD CELL COUNT	7.0		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.97		3.80-5.10 Million/uL	
HEMOGLOBIN	13.3		11.7-15.5 g/dL	
HEMATOCRIT	40.7		35.0-45.0 %	
MCV	81.9		80.0-100.0 fL	
MCH		26.8 L	27.0-33.0 pg	
MCHC	32.7		32.0-36.0 g/dL	
RDW	12.4		11.0-15.0 %	
PLATELET COUNT	300		140-400 Thousand/uL	
MPV	9.9		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	4284		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1974		850-3900 cells/uL	
ABSOLUTE MONOCYTES	567		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	133		15-500 cells/uL	
ABSOLUTE BASOPHILS	42		0-200 cells/uL	
NEUTROPHILS	61.2		%	
LYMPHOCYTES	28.2		%	
MONOCYTES	8.1		%	
EOSINOPHILS	1.9		%	
BASOPHILS	0.6		%	

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:

CHOLESTEROL, TOTAL	218 H	<200 mg/dL	AT
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MCH	26.8 L	27.0-33.0 pg	AT