

Patient Information	Specimen Information	Client Information
FAUST, WANDA DOB: 07/02/1952 AGE: 65 Gender: F Fasting: Y Phone: NG Patient ID: NG	Specimen: AL231628S Requisition: 3401607 Collected: 05/30/2018 / 09:00 CDT Received: 05/31/2018 / 00:27 CDT Reported: 05/31/2018 / 04:24 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				
CHOLESTEROL, TOTAL	173		<200 mg/dL	AT
HDL CHOLESTEROL	52		>50 mg/dL	AT
TRIGLYCERIDES	128		<150 mg/dL	AT
LDL-CHOLESTEROL	99		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	121	<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)	13	7-25 mg/dL
CREATININE	0.76	0.50-0.99 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	82	> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	95	> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE	6-22 (calc)	
SODIUM	140	135-146 mmol/L	
POTASSIUM	4.3	3.5-5.3 mmol/L	
CHLORIDE	105	98-110 mmol/L	
CARBON DIOXIDE	27	20-31 mmol/L	
CALCIUM	9.9	8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.3	6.1-8.1 g/dL	
ALBUMIN	4.3	3.6-5.1 g/dL	
GLOBULIN	3.0	1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.4	1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.7	0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	90	33-130 U/L	
AST	16	10-35 U/L	
ALT	20	6-29 U/L	
HEMOGLOBIN A1c	5.4	<5.7 % of total Hgb	AT

For the purpose of screening for the presence of

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diabetes:

<5.7% Consistent with the absence of diabetes
 5.7-6.4% Consistent with increased risk for diabetes
 (prediabetes)
 > or =6.5% Consistent with diabetes

This assay result is consistent with a decreased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes (ADA).

TSH		6.93 H	0.40-4.50 mIU/L	AT
T4, FREE	1.1		0.8-1.8 ng/dL	AT

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:

TSH		6.93 H	0.40-4.50 mIU/L	AT
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