

Patient Information	Specimen Information	Client Information
FAUST, WANDA DOB: 07/02/1952 AGE: 64 Gender: F Fasting: Y Phone: NG Patient ID: NG	Specimen: AL459958D Requisition: 4551848 Collected: 03/21/2017 / 08:40 EDT Received: 03/22/2017 / 00:27 EDT Reported: 03/22/2017 / 04:48 EDT	Client #: 49100638 QATL0000 FUENTES, MARYLUZ AUM NURSING CARE CENTER Attn: BIRMINGHAM SOLSTAS LAB 7461 EAST DRIVE #102 MONTGOMERY, AL 36117

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL				
CHOLESTEROL, TOTAL	155		125-200 mg/dL	KL9
HDL CHOLESTEROL	61		> OR = 46 mg/dL	KL9
TRIGLYCERIDES	64		<150 mg/dL	KL9
LDL-CHOLESTEROL	81		<130 mg/dL (calc)	KL9

Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.

CHOL/HDL C RATIO	2.5		< OR = 5.0 (calc)	KL9
NON HDL CHOLESTEROL	94		mg/dL (calc)	KL9
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				
COMPREHENSIVE METABOLIC PANEL				KL9
GLUCOSE	99		65-99 mg/dL	

Fasting reference interval

UREA NITROGEN (BUN)	15		7-25 mg/dL	
CREATININE	0.80		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	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	146		135-146 mmol/L	
POTASSIUM	4.7		3.5-5.3 mmol/L	
CHLORIDE		111 H	98-110 mmol/L	
CARBON DIOXIDE	20		20-31 mmol/L	
CALCIUM	10.0		8.6-10.4 mg/dL	
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL	
ALBUMIN	4.3		3.6-5.1 g/dL	
GLOBULIN	2.9		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.5		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.7		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	84		33-130 U/L	
AST	19		10-35 U/L	
ALT	17		6-29 U/L	

HEMOGLOBIN A1c WITH eAG				KL9
HEMOGLOBIN A1c	5.8 H		<5.7 % of total Hgb	

According to 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-2013. Diabetes Care. 2013;36:s11-s66

For the purpose of screening for the presence of diabetes
 <5.7% Consistent with the absence of diabetes

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Test Name	In Range	Out Of Range	Reference Range	Lab
5.7-6.4%	Consistent with increased risk for diabetes (prediabetes)			
>or=6.5%	Consistent with diabetes			
This assay result is consistent with an increased risk of diabetes.				
Currently, no consensus exists for use of hemoglobin A1c for diagnosis of diabetes for children.				
eAG (mg/dL)	120		(calc)	
eAG (mmol/L)	6.6		(calc)	
TSH	2.33		0.40-4.50 mIU/L	KL9

PERFORMING SITE:

KL9 SOLSTAS/QUEST DIAGNOSTICS SOLSTAS LAB-BIRMINGHAM, 2732 7TH AVENUE SOUTH, BIRMINGHAM, AL 35233-3406 Laboratory Director: WESTON ROTHROCK, CLIA: 01D1015388

LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

CHLORIDE	111 H	98-110 mmol/L	KL9
HEMOGLOBIN Alc	5.8 H	<5.7 % of total Hgb	KL9

According to ADA guidelines, hemoglobin Alc <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes-2013. Diabetes Care. 2013;36:s11-s66

For the purpose of screening for the presence of 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 an increased risk of diabetes.

Currently, no consensus exists for use of hemoglobin Alc for diagnosis of diabetes for children.