

Patient Information	Specimen Information	Client Information
HARVEY, MELODY DOB: 07/13/1975 AGE: 43 Gender: F Fasting: Y Phone: NG Patient ID: NG	Specimen: AL722236A Requisition: 1919052 Collected: 01/22/2019 / 09:10 CST Received: 01/23/2019 / 00:16 CST Reported: 01/23/2019 / 06:09 CST	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 WITH REFLEX TO DIRECT LDL				
CHOLESTEROL, TOTAL	150		<200 mg/dL	AT
HDL CHOLESTEROL	56		>50 mg/dL	AT
TRIGLYCERIDES	106		<150 mg/dL	AT
LDL-CHOLESTEROL	75		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	2.7		<5.0 (calc)	AT
NON HDL CHOLESTEROL	94		<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.

RENAL FUNCTION PANEL				AT
GLUCOSE	124 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)	16		7-25 mg/dL	
CREATININE	0.87		0.50-1.10 mg/dL	
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	137		135-146 mmol/L	
POTASSIUM	4.4		3.5-5.3 mmol/L	
CHLORIDE	101		98-110 mmol/L	
CARBON DIOXIDE	26		20-32 mmol/L	
CALCIUM	9.4		8.6-10.2 mg/dL	
PHOSPHATE (AS PHOSPHORUS)	4.0		2.5-4.5 mg/dL	
ALBUMIN	4.1		3.6-5.1 g/dL	
HEMOGLOBIN A1c	5.8 H		<5.7 % of total Hgb	AT

For someone without known diabetes, a hemoglobin
A1c value between 5.7% and 6.4% is consistent with
prediabetes and should be confirmed with a
follow-up test.

For someone with known diabetes, a value <7%
indicates that their diabetes is well controlled. A1c

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Test Name	In Range	Out Of Range	Reference Range	Lab
targets should be individualized based on duration of diabetes, age, comorbid conditions, and other considerations.				

This assay result is consistent with an increased risk of diabetes.

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

HEPATIC FUNCTION PANEL					AT
PROTEIN, TOTAL	7.2		6.1-8.1 g/dL		
ALBUMIN	4.1		3.6-5.1 g/dL		
GLOBULIN	3.1		1.9-3.7 g/dL (calc)		
ALBUMIN/GLOBULIN RATIO	1.3		1.0-2.5 (calc)		
BILIRUBIN, TOTAL	0.5		0.2-1.2 mg/dL		
BILIRUBIN, DIRECT	0.1		< OR = 0.2 mg/dL		
BILIRUBIN, INDIRECT	0.4		0.2-1.2 mg/dL (calc)		
ALKALINE PHOSPHATASE	80		33-115 U/L		
AST	22		10-30 U/L		
ALT	25		6-29 U/L		
TSH	2.20		mIU/L		AT
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					

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:

GLUCOSE	124 H	65-99 mg/dL	AT
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.

HEMOGLOBIN A1c	5.8 H	<5.7 % of total Hgb	AT
For someone without known diabetes, a hemoglobin A1c value between 5.7% and 6.4% is consistent with prediabetes and should be confirmed with a follow-up test.			

For someone with known diabetes, a value <7% indicates that their diabetes is well controlled. A1c targets should be individualized based on duration of diabetes, age, comorbid conditions, and other considerations.

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