

Patient Information	Specimen Information	Client Information
BOZEMAN, JOYCELYN DOB: 07/24/1969 AGE: 49 Gender: F Fasting: Y Phone: NG Patient ID: NG	Specimen: AL247522Y Requisition: 6184303 Collected: 11/26/2018 / 08:30 CST Received: 11/27/2018 / 02:03 CST Reported: 11/29/2018 / 01:09 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, STANDARD				
CHOLESTEROL, TOTAL	146		<200 mg/dL	AT
HDL CHOLESTEROL		40 L	>50 mg/dL	AT
TRIGLYCERIDES		150 H	<150 mg/dL	AT
LDL-CHOLESTEROL	81		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	3.7		<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				AT
PANEL				
GLUCOSE		107 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)	13		7-25 mg/dL	
CREATININE	0.84		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	138		135-146 mmol/L	
POTASSIUM	4.0		3.5-5.3 mmol/L	
CHLORIDE	103		98-110 mmol/L	
CARBON DIOXIDE	23		20-32 mmol/L	
CALCIUM	8.9		8.6-10.2 mg/dL	
PROTEIN, TOTAL	6.7		6.1-8.1 g/dL	
ALBUMIN	3.8		3.6-5.1 g/dL	
GLOBULIN	2.9		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.3		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.3		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE		124 H	33-115 U/L	
AST	16		10-35 U/L	
ALT	11		6-29 U/L	
HEMOGLOBIN A1c	5.4		<5.7 % of total Hgb	AT

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Test Name	In Range	Out Of Range	Reference Range	Lab
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 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).

CBC (INCLUDES DIFF/PLT)			AT
WHITE BLOOD CELL COUNT	6.2	3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	3.88	3.80-5.10 Million/uL	
HEMOGLOBIN	12.4	11.7-15.5 g/dL	
HEMATOCRIT	36.9	35.0-45.0 %	
MCV	95.1	80.0-100.0 fL	
MCH	32.0	27.0-33.0 pg	
MCHC	33.6	32.0-36.0 g/dL	
RDW	12.6	11.0-15.0 %	
PLATELET COUNT	339	140-400 Thousand/uL	
MPV	9.7	7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2908	1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2455	850-3900 cells/uL	
ABSOLUTE MONOCYTES	670	200-950 cells/uL	
ABSOLUTE EOSINOPHILS	130	15-500 cells/uL	
ABSOLUTE BASOPHILS	37	0-200 cells/uL	
NEUTROPHILS	46.9	%	
LYMPHOCYTES	39.6	%	
MONOCYTES	10.8	%	
EOSINOPHILS	2.1	%	
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:

HDL CHOLESTEROL	40 L	>50 mg/dL	AT
TRIGLYCERIDES	150 H	<150 mg/dL	AT
GLUCOSE	107 H	65-99 mg/dL	AT

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LIST OF RESULTS PRINTED IN THE OUT OF RANGE COLUMN:

ALKALINE PHOSPHATASE

124 H

33-115 U/L

AT