

# Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

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SPECIMEN INFORMATION

SPECIMEN:

REQUISITION:

LAB REF NO:

DOB:

AGE:

GENDER:

FASTING:

Clinical Info:

COLLECTED:

RECEIVED:

REPORTED:

Test Name	Result	Flag	Reference Range	Lab
<b>LIPID PANEL</b>				
CHOLESTEROL, TOTAL	227	HIGH	125-200 mg/dL	MI
HDL CHOLESTEROL	70		> OR = 46 mg/dL	MI
TRIGLYCERIDES	163	HIGH	<150 mg/dL	MI
LDL-CHOLESTEROL	124		<130 mg/dL (calc)	MI
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	3.2		< OR = 5.0 (calc)	MI
NON HDL CHOLESTEROL	157		mg/dL (calc)	MI
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				
<b>COMPREHENSIVE METABOLIC PANEL</b>				
GLUCOSE	96		65-99 mg/dL	MI
Fasting reference interval				
UREA NITROGEN (BUN)	15		7-25 mg/dL	MI
CREATININE	0.72		0.60-0.93 mg/dL	MI
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	80		> OR = 60 mL/min/1.73m2	MI
eGFR AFRICAN AMERICAN	93		> OR = 60 mL/min/1.73m2	MI
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	MI
SODIUM	139		135-146 mmol/L	MI
POTASSIUM	4.4		3.5-5.3 mmol/L	MI
CHLORIDE	105		98-110 mmol/L	MI
CARBON DIOXIDE	25		19-30 mmol/L	MI
CALCIUM	9.5		8.6-10.4 mg/dL	MI
PROTEIN, TOTAL	7.1		6.1-8.1 g/dL	MI
ALBUMIN	4.1		3.6-5.1 g/dL	MI
GLOBULIN	3.0		1.9-3.7 g/dL (calc)	MI
ALBUMIN/GLOBULIN RATIO	1.4		1.0-2.5 (calc)	MI
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	MI
ALKALINE PHOSPHATASE	52		33-130 U/L	MI
AST	12		10-35 U/L	MI
ALT	13		6-29 U/L	MI
<b>HEMOGLOBIN A1c</b>				
HEMOGLOBIN A1c	5.1		<5.7 % of total Hgb	MI

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

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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 for use of hemoglobin Alc for diagnosis of diabetes for children.

## CBC (INCLUDES DIFF/PLT)

WHITE BLOOD CELL COUNT	8.1		3.8-10.8 Thousand/uL	MI
RED BLOOD CELL COUNT	4.27		3.80-5.10 Million/uL	MI
HEMOGLOBIN	14.2		11.7-15.5 g/dL	MI
HEMATOCRIT	41.5		35.0-45.0 %	MI
MCV	97.2		80.0-100.0 fL	MI
MCH	33.3	HIGH	27.0-33.0 pg	MI
MCHC	34.3		32.0-36.0 g/dL	MI
RDW	13.5		11.0-15.0 %	MI
PLATELET COUNT	226		140-400 Thousand/uL	MI
ABSOLUTE NEUTROPHILS	4965		1500-7800 cells/uL	MI
ABSOLUTE LYMPHOCYTES	2454		850-3900 cells/uL	MI
ABSOLUTE MONOCYTES	502		200-950 cells/uL	MI
ABSOLUTE EOSINOPHILS	162		15-500 cells/uL	MI
ABSOLUTE BASOPHILS	16		0-200 cells/uL	MI
NEUTROPHILS	61.3		%	MI
LYMPHOCYTES	30.3		%	MI
MONOCYTES	6.2		%	MI
EOSINOPHILS	2.0		%	MI
BASOPHILS	0.2		%	MI

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Performing Laboratory Information: