

Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

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CLIENT INFORMATION



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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
FASTING: YES				
LIPID PANEL				
CHOLESTEROL, TOTAL	180	HIGH	125-170 mg/dL	01
HDL CHOLESTEROL	44		36-76 mg/dL	01
TRIGLYCERIDES	127		40-136 mg/dL	01
LDL-CHOLESTEROL	111	HIGH	<110 mg/dL (calc)	01
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	4.1		< OR = 5.0 (calc)	01
NON HDL CHOLESTEROL	136	HIGH	<120 mg/dL (calc)	01
IRON AND TOTAL IRON BINDING CAPACITY				
IRON, TOTAL	88		27-164 mcg/dL	01
IRON BINDING CAPACITY	351		271-448 mcg/dL	01
% SATURATION	25		8-45 % (calc)	01
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	87		65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	12		7-20 mg/dL	01
CREATININE	0.94		0.50-1.00 mg/dL	01
eGFR NON-AFR. AMERICAN	89		> OR = 60 mL/min/1.73m ²	01
eGFR AFRICAN AMERICAN	103		> OR = 60 mL/min/1.73m ²	01
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	01
SODIUM	136		135-146 mmol/L	01
POTASSIUM	4.4		3.8-5.1 mmol/L	01
CHLORIDE	103		98-110 mmol/L	01
CARBON DIOXIDE	23		19-30 mmol/L	01
CALCIUM	9.7		8.9-10.4 mg/dL	01
PROTEIN, TOTAL	7.6		6.3-8.2 g/dL	01
ALBUMIN	4.6		3.6-5.1 g/dL	01
GLOBULIN	3.0		2.0-3.8 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.5		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.4		0.2-1.1 mg/dL	01
ALKALINE PHOSPHATASE	78		47-176 U/L	01
AST	17		12-32 U/L	01
ALT	14		5-32 U/L	01
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	11.6		4.5-13.0 Thousand/uL	01
RED BLOOD CELL COUNT	4.89		3.80-5.10 Million/uL	01
HEMOGLOBIN	15.0		11.5-15.3 g/dL	01
HEMATOCRIT	44.5		34.0-46.0 %	01
MCV	91.1		78.0-98.0 fL	01
MCH	30.6		25.0-35.0 pg	01
MCHC	33.6		31.0-36.0 g/dL	01
RDW	12.5		11.0-15.0 %	01
PLATELET COUNT	203		140-400 Thousand/uL	01
MPV	DNR		7.5-11.5 fL	01

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ABSOLUTE NEUTROPHILS	7760	1800-8000 cells/uL	01
ABSOLUTE BAND NEUTROPHILS	DNR	0-750 cells/uL	01
ABSOLUTE METAMYELOCYTES	DNR	0 cells/uL	01
ABSOLUTE MYELOCYTES	DNR	0 cells/uL	01
ABSOLUTE PROMYELOCYTES	DNR	0 cells/uL	01
ABSOLUTE LYMPHOCYTES	2726	1200-5200 cells/uL	01
ABSOLUTE MONOCYTES	708	200-900 cells/uL	01
ABSOLUTE EOSINOPHILS	360	15-500 cells/uL	01
ABSOLUTE BASOPHILS	46	0-200 cells/uL	01
ABSOLUTE BLASTS	DNR	0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR	0 cells/uL	01
NEUTROPHILS	66.9	%	01
BAND NEUTROPHILS	DNR	%	01
METAMYELOCYTES	DNR	%	01
MYELOCYTES	DNR	%	01
PROMYELOCYTES	DNR	%	01
LYMPHOCYTES	23.5	%	01
REACTIVE LYMPHOCYTES	DNR	0-10 %	01
MONOCYTES	6.1	%	01
EOSINOPHILS	3.1	%	01
BASOPHILS	0.4	%	01
BLASTS	DNR	%	01
NUCLEATED RBC	DNR	0 /100 WBC	01
COMMENT(S)	DNR		01

HEMOGLOBIN A1c

HEMOGLOBIN A1c	5.1	<5.7 % of total Hgb	01
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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
- 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 A1c for diagnosis of diabetes for children.

Performing Laboratory Information: