

Patient Information	Specimen Information	Client Information
DOB: AGE: Gender: Phone: Patient ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
THYROID PANEL WITH TSH				
THYROID PANEL				
T3 UPTAKE		42 H	22-35 %	
T4 (THYROXINE), TOTAL		4.6 L	5.1-11.9 mcg/dL	
FREE T4 INDEX (T7)	1.9		1.4-3.8	
TSH	3.77		0.40-4.50 mIU/L	
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	196		<200 mg/dL	
HDL CHOLESTEROL	82		>50 mg/dL	
TRIGLYCERIDES	84		<150 mg/dL	
LDL-CHOLESTEROL	97		mg/dL (calc)	
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	2.4		<5.0 (calc)	
NON HDL CHOLESTEROL	114		<130 mg/dL (calc)	
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 PANEL				
GLUCOSE	92		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	17		7-25 mg/dL	
CREATININE	0.89		0.50-1.05 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	72		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	84		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	143		135-146 mmol/L	
POTASSIUM	4.8		3.5-5.3 mmol/L	
CHLORIDE	107		98-110 mmol/L	
CARBON DIOXIDE	30		20-32 mmol/L	
CALCIUM	9.4		8.6-10.4 mg/dL	
PROTEIN, TOTAL	6.7		6.1-8.1 g/dL	
ALBUMIN	4.3		3.6-5.1 g/dL	
GLOBULIN	2.4		1.9-3.7 g/dL (calc)	

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ALBUMIN/GLOBULIN RATIO	1.8		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	83		33-130 U/L	
AST	18		10-35 U/L	
ALT	13		6-29 U/L	
HEMOGLOBIN A1c	5.5		<5.7 % of total Hgb	

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).

PHOSPHATE (AS PHOSPHORUS)	4.3	2.5-4.5 mg/dL
URIC ACID	4.0	2.5-7.0 mg/dL

Therapeutic target for gout patients: <6.0 mg/dL

LD	145	120-250 U/L
GGT	9	3-70 U/L
CBC (INCLUDES DIFF/PLT)		
WHITE BLOOD CELL COUNT	6.6	3.8-10.8 Thousand/uL
RED BLOOD CELL COUNT	5.26 H	3.80-5.10 Million/uL
HEMOGLOBIN	14.5	11.7-15.5 g/dL
HEMATOCRIT	44.1	35.0-45.0 %
MCV	83.8	80.0-100.0 fL
MCH	27.6	27.0-33.0 pg
MCHC	32.9	32.0-36.0 g/dL
RDW	13.0	11.0-15.0 %
PLATELET COUNT	284	140-400 Thousand/uL
MPV	10.7	7.5-12.5 fL
ABSOLUTE NEUTROPHILS	3716	1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	2178	850-3900 cells/uL
ABSOLUTE MONOCYTES	449	200-950 cells/uL
ABSOLUTE EOSINOPHILS	198	15-500 cells/uL
ABSOLUTE BASOPHILS	59	0-200 cells/uL
NEUTROPHILS	56.3	%
LYMPHOCYTES	33.0	%
MONOCYTES	6.8	%
EOSINOPHILS	3.0	%
BASOPHILS	0.9	%
IRON, TOTAL	82	45-160 mcg/dL

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PERFORMING SITE: