

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	32		22-35 %	
T4 (THYROXINE), TOTAL	9.2		4.9-10.5 mcg/dL	
FREE T4 INDEX (T7)	2.9		1.4-3.8	
TSH	1.22		0.40-4.50 mIU/L	
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL		229 H	<200 mg/dL	
HDL CHOLESTEROL	66		>40 mg/dL	
TRIGLYCERIDES	77		<150 mg/dL	
LDL-CHOLESTEROL		145 H	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	3.5		<5.0 (calc)	
NON HDL CHOLESTEROL		163 H	<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		111 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	0.77		0.70-1.33 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	106		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	123		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	143		135-146 mmol/L	
POTASSIUM	4.7		3.5-5.3 mmol/L	
CHLORIDE	109		98-110 mmol/L	

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CARBON DIOXIDE		19 L	20-32 mmol/L	
CALCIUM	10.3		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.1		6.1-8.1 g/dL	
ALBUMIN	4.9		3.6-5.1 g/dL	
GLOBULIN	2.2		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.2		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	1.2		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	57		40-115 U/L	
AST	25		10-35 U/L	
ALT	22		9-46 U/L	
HEMOGLOBIN A1c	5.5		<5.7 % of total Hgb	
<p>For the purpose of screening for the presence of diabetes:</p> <p><5.7% Consistent with the absence of diabetes</p> <p>5.7-6.4% Consistent with increased risk for diabetes (prediabetes)</p> <p>> or =6.5% Consistent with diabetes</p> <p>This assay result is consistent with a decreased risk of diabetes.</p> <p>Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes in children.</p> <p>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).</p>				
PHOSPHATE (AS PHOSPHORUS)	3.7		2.5-4.5 mg/dL	
URIC ACID	5.9		4.0-8.0 mg/dL	
<p>Therapeutic target for gout patients: <6.0 mg/dL</p>				
LD	229		120-250 U/L	
GGT	20		3-95 U/L	
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	4.2		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.97		4.20-5.80 Million/uL	
HEMOGLOBIN	15.3		13.2-17.1 g/dL	
HEMATOCRIT	45.5		38.5-50.0 %	
MCV	91.5		80.0-100.0 fL	
MCH	30.8		27.0-33.0 pg	
MCHC	33.6		32.0-36.0 g/dL	
RDW	11.9		11.0-15.0 %	
PLATELET COUNT	217		140-400 Thousand/uL	
MPV	11.4		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	2654		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1142		850-3900 cells/uL	
ABSOLUTE MONOCYTES	244		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	130		15-500 cells/uL	
ABSOLUTE BASOPHILS	29		0-200 cells/uL	
NEUTROPHILS	63.2		%	
LYMPHOCYTES	27.2		%	
MONOCYTES	5.8		%	

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EOSINOPHILS	3.1		%	
BASOPHILS	0.7		%	
IRON, TOTAL	137		50-180 mcg/dL	
INSULIN	3.6		2.0-19.6 uIU/mL	
This insulin assay shows strong cross-reactivity for some insulin analogs (lispro, aspart, and glargine) and much lower cross-reactivity with others (detemir, glulisine).				

PERFORMING SITE: