

Patient Information		Specimen Information	Client Information
<b>DOB:</b>	<b>AGE:</b>	Specimen:	
Gender:	Fasting:	Requisition:	
Phone:		Lab Ref #:	
Patient ID:		Collected:	
Health ID:		Received:	
		Reported:	

COMMENTS: Fasting:

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
CHOLESTEROL,	180		<200 mg/dL	TP
TOTAL HDL	55		> OR = 40 mg/dL	TP
CHOLESTEROL	60		<150 mg/dL	TP
TRIGLYCERIDES				
<p>If a non-fasting specimen was collected, consider repeat triglyceride testing on a fasting specimen if clinically indicated.            Jacobson et al. J. of Clin. Lipidol. 2015;9:129-169.</p> <p>There is increased risk of pancreatitis when the triglyceride concentration is very high (&gt; or = 500 mg/dL, especially if &gt; or = 1000 mg/dL).            Jacobson et al. J. of Clin. Lipidol. 2015;9:129-169.</p>				
LDL-CHOLESTEROL			mg/dL (calc)	TP
<p>LDL cholesterol not calculated. Triglyceride levels greater than 400 mg/dL invalidate calculated LDL results.</p> <p>Reference range: &lt;100</p> <p>Desirable range &lt;100 mg/dL for primary prevention; &lt;70 mg/dL for patients with CHD or diabetic patients with &gt; or = 2 CHD risk factors.</p> <p>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            (<a href="http://education.QuestDiagnostics.com/faq/FAQ164">http://education.QuestDiagnostics.com/faq/FAQ164</a>)</p>				
CHOL/HDLRATIO NON	3.2		<5.0 (calc)	TP
HDL CHOLESTEROL	85		<130 mg/dL (calc)	TP
<p>For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of &lt;100 mg/dL (LDL-C of &lt;70 mg/dL) is considered a therapeutic option.</p>				
COMPREHENSIVE METABOLIC PANEL				TP
GLUCOSE	70		65-99 mg/dL	
<p>Fasting reference interval</p> <p>For someone without known diabetes, a glucose value &gt;125 mg/dL indicates that they may have diabetes and this should be confirmed with a follow-up test.</p>				
UREA NITROGEN (BUN)	15		7-25 mg/dL	
CREATININE	0.97		0.70-1.33 mg/dL	

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<p>For patients &gt;49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.</p>				
eGFR NON-AFR. AMERICAN	88		> OR = 60 mL/min/1.73m2	
eGFR AFRICAN AMERICAN	101		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	137		135-146 mmol/L	
POTASSIUM	5.0		3.5-5.3 mmol/L	
CHLORIDE	103		98-110 mmol/L	
CARBON DIOXIDE	27		20-32 mmol/L	
CALCIUM	9.4		8.6-10.3 mg/dL	
PROTEIN, TOTAL	6.7		6.1-8.1 g/dL	
ALBUMIN	4.4		3.6-5.1 g/dL	
GLOBULIN	2.3		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.9		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.3		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	125		35-144 U/L	
AST	17		10-35 U/L	
ALT	36		9-46 U/L	
HEMOGLOBIN A1c WITH eAG				TP
HEMOGLOBIN A1c	3.2		<5.7 % of total Hgb	
<p>For someone without known diabetes, a hemoglobin A1c value of 6.5% or greater indicates that they may have diabetes and this should be confirmed with a follow-up test.</p> <p>For someone with known diabetes, a value &lt;7% indicates that their diabetes is well controlled and a value greater than or equal to 7% indicates suboptimal control. A1c targets should be individualized based on duration of diabetes, age, comorbid conditions, and other considerations.</p> <p>Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes for children.</p>				
eAG (mg/dL)	246		(calc)	
eAG (mmol/L)	13.6		(calc)	
CBC (INCLUDES DIFF/PLT)				TP
WHITE BLOOD CELL COUNT	7.3		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.83		4.20-5.80 Million/uL	
HEMOGLOBIN	15.7		13.2-17.1 g/dL	
HEMATOCRIT	46.8		38.5-50.0 %	
MCV	96.9		80.0-100.0 fL	
MCH	32.5		27.0-33.0 pg	
MCHC	33.5		32.0-36.0 g/dL	
RDW	12.6		11.0-15.0 %	
PLATELET COUNT	315		140-400 Thousand/uL	
MPV	10.9		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3774		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2460		850-3900 cells/uL	
ABSOLUTE MONOCYTES	657		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	307		15-500 cells/uL	
ABSOLUTE BASOPHILS	102		0-200 cells/uL	
NEUTROPHILS	51.7		%	

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LYMPHOCYTES	33.7		%	
MONOCYTES	9.0		%	
EOSINOPHILS	4.2		%	
BASOPHILS	1.4		%	