Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

SPECIMEN INFORMATION

SPECIMEN:
REQUISITION:
LAB REF NO:

DOB:
AGE:
GENDER:
FASTING:

Clinical Info:

ORDERING PHYSICIAN

CLIENT INFORMATION

COLLECTED:
RECEIVED:
REPORTED:

Test Name	Result	Flag	Reference Range	Lab
IRON AND TOTAL IRON BINDING CAPACITY				
IRON, TOTAL	93		40-190 mcg/dL	01
IRON BINDING CAPACITY	351		250-450 mcg/dL	01
% SATURATION	26		11-50 % (calc)	01
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	90		65-99 mg/dL	01
	Fasting reference interval			
UREA NITROGEN (BUN)	9		7-25 mg/dL	01
CREATININE	0.73		0.50-1.10 mg/dL	01
eGFR NON-AFR. AMERICAN	107		> OR = 60 mL/min/1.73m2	01
eGFR AFRICAN AMERICAN	125		> OR = 60 mL/min/1.73m2	01
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	01
SODIUM	141		135-146 mmol/L	01
POTASSIUM	4.0		3.5-5.3 mmol/L	01
CHLORIDE	105		98-110 mmol/L	01
CARBON DIOXIDE	27		19-30 mmol/L	01
CALCIUM	9.5		8.6-10.2 mg/dL	01
PROTEIN, TOTAL	7.1		6.1-8.1 g/dL	01
ALBUMIN	4.3		3.6-5.1 g/dL	01
GLOBULIN	2.8		1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.5		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	67		33-115 U/L	01
AST	21		10-30 U/L	01
ALT	28		6-29 U/L	01
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	4.2		3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	4.72		3.80-5.10 Million/uL	01
HEMOGLOBIN	12.5		11.7-15.5 g/dL	01
HEMATOCRIT	38.5		35.0-45.0 %	01
MCV	81.7		80.0-100.0 fL	01
MCH	26.4	LOW	27.0-33.0 pg	01
MCHC	32.3		32.0-36.0 g/dL	01
RDW	15.3	HIGH	11.0-15.0 %	01
PLATELET COUNT	189		140-400 Thousand/uL	01
MPV	10.9		7.5-11.5 fL	01
ABSOLUTE NEUTROPHILS	2444		1500-7800 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	1432		850-3900 cells/uL	01
ABSOLUTE MONOCYTES	248		200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	59		15-500 cells/uL	01
ABSOLUTE BASOPHILS	17		0-200 cells/uL	01
ABSOLUTE BLASTS	DNR		0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR		0 cells/uL	01

NEUTROPHILS	58.2	%	01
BAND NEUTROPHILS	DNR	%	01
METAMYELOCYTES	DNR	%	01
MYELOCYTES	DNR	%	01
PROMYELOCYTES	DNR	%	01
LYMPHOCYTES	34.1	%	01
REACTIVE LYMPHOCYTES	DNR	0-10 %	01
MONOCYTES	5.9	%	01
EOSINOPHILS	1.4	%	01
BASOPHILS	0.4	%	01
BLASTS	DNR	%	01
NUCLEATED RBC	DNR	0 /100 WBC	01
COMMENT(S)	DNR		01

HS CRP

HS CRP	1.2	mg/L	01

Average relative cardiovascular risk according to AHA/CDC guidelines.

For ages >17 Years:

hs-CRP mg/L	Risk According to AHA/CDC Guidelines
<1.0	Lower relative cardiovascular risk.
1.0-3.0	Average relative cardiovascular risk.
3.1-10.0	Higher relative cardiovascular risk. Consider retesting in 1 to 2 weeks to exclude a benign transient elevation in the baseline CRP value secondary to infection or inflammation.
>10.0	Persistent elevation, upon retesting, may be associated with infection and inflammation.

CORTISOL, TOTAL

CORTISOL, TOTAL	7.7	mcg/dL	01

Reference Range: For 8 a.m.(7-9 a.m.) Specimen: 4.0-22.0
Reference Range: For 4 p.m.(3-5 p.m.) Specimen: 3.0-17.0
* Please interpret above results accordingly *

DHEA SULFATE

DHEA SULFATE	75	23-266 mcg/dL	01

TSH

TSH	0.92	mIU/L	01

Reference Range

> or = 20 Years 0.40-4.50

Pregnancy Ranges

First trimester	0.26-2.66
Second trimester	0.55-2.73
Third trimester	0.43-2.91

VITAMIN B12

VITAMIN B12	215	200-1100 pg/mL	01

Please Note: Although the reference range for vitamin B12 is 200-1100 pg/mL, it has been reported that between 5 and 10% of patients with values between 200 and 400 pg/mL may experience neuropsychiatric and hematologic abnormalities due to occult B12 deficiency; less than 1%

of patients with values above 400 pg/mL will have symptoms.

HEMOGLOBIN A1c

HEMOGLOBIN A1c	5.3		<5.7 % of total Hgb	01

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.

TESTOSTERONE,FR(DIALYSIS) AND TOTAL(LC/MS/MS)

TESTOSTERONE, TOTAL, LC/MS/MS	17		2-45 ng/dL	03
FREE TESTOSTERONE	2.5		0.1-6.4 pg/mL	03

QUESTASSURED 25-OH VIT D, (D2,D3), LC/MS/MS

VITAMIN D, 25-OH, TOTAL	20	LOW	30-100 ng/mL	03

25-OHD3 indicates both endogenous production and supplementation. 25-OHD2 is an indicator of exogenous sources, such as diet or supplementation. Therapy is based on measurement of Total 25-OHD, with levels <20 ng/mL indicative of Vitamin D deficiency, while levels between 20 ng/mL and 30 ng/mL suggest insufficiency. Optimal levels are > or = 30 ng/mL.

VITAMIN D, 25-OH, D3	20		See Below ng/mL	03
Reference Range: Not established				
VITAMIN D, 25-OH, D2	<4		See Below ng/mL	03
Reference Range: Not established				