

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
VITAMIN B12				
VITAMIN B12	495		200-1100 pg/mL	01
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	83		65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	9		7-25 mg/dL	01
CREATININE	0.61		0.50-1.10 mg/dL	01
eGFR NON-AFR. AMERICAN	125		> OR = 60 mL/min/1.73m2	01
eGFR AFRICAN AMERICAN	145		> OR = 60 mL/min/1.73m2	01
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	01
SODIUM	140		135-145 mmol/L	01
POTASSIUM	3.8		3.5-5.3 mmol/L	01
CHLORIDE	104		98-110 mmol/L	01
CARBON DIOXIDE	27		20-31 mmol/L	01
CALCIUM	9.3		8.6-10.2 mg/dL	01
PROTEIN, TOTAL	7.5		6.1-8.1 g/dL	01
ALBUMIN	4.6		3.6-5.1 g/dL	01
GLOBULIN	2.9		1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.6		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.6		0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	48		33-115 U/L	01
AST	19		10-30 U/L	01
ALT	15		6-29 U/L	01
IRON AND TOTAL IRON BINDING CAPACITY				
IRON, TOTAL	145		40-190 mcg/dL	01
IRON BINDING CAPACITY	365		250-450 mcg/dL (calc)	01
% SATURATION	40		11-50 % (calc)	01
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	4.7		3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	3.77	LOW	3.80-5.10 Million/uL	01
HEMOGLOBIN	12.1		11.7-15.5 g/dL	01
HEMATOCRIT	35.7		35.0-45.0 %	01
MCV	94.7		80.0-100.0 fL	01
MCH	32.1		27.0-33.0 pg	01
MCHC	33.9		32.0-36.0 g/dL	01
RDW	13.5		11.0-15.0 %	01
PLATELET COUNT	158		140-400 Thousand/uL	01
MPV	10.5		7.5-11.5 fL	01
ABSOLUTE NEUTROPHILS	2421		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	1955		850-3900 cells/uL	01
ABSOLUTE MONOCYTES	287		200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	19		15-500 cells/uL	01
ABSOLUTE BASOPHILS	19		0-200 cells/uL	01
ABSOLUTE BLASTS	DNR		0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR		0 cells/uL	01

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NEUTROPHILS	51.5	%	01
BAND NEUTROPHILS	DNR	%	01
METAMYELOCYTES	DNR	%	01
MYELOCYTES	DNR	%	01
PROMYELOCYTES	DNR	%	01
LYMPHOCYTES	41.6	%	01
REACTIVE LYMPHOCYTES	DNR	0-10 %	01
MONOCYTES	6.1	%	01
EOSINOPHILS	0.4	%	01
BASOPHILS	0.4	%	01
BLASTS	DNR	%	01
NUCLEATED RBC	DNR	0 /100 WBC	01
COMMENT(S)	DNR		01
HS CRP			
HS CRP	<0.2	mg/L	01

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.

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

VITAMIN D, 25 OH, TOTAL	15	LOW	30-100 ng/mL	02
VITAMIN D, 25 OH, D3	15		ng/mL	02
VITAMIN D, 25 OH, D2	<4		ng/mL	02

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.

CORTISOL, TOTAL

CORTISOL, TOTAL	8.6	mcg/dL	01
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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	177	18-391 mcg/dL	03
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TSH

TSH	1.07	mIU/L	01
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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

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

TESTOSTERONE, TOTAL, LC/MS/MS	37	2-45 ng/dL	04
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For more information on this test, go to <http://education.questdiagnostics.com/faq/>
TotalTestosteroneLCMSMS

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FREE TESTOSTERONE	3.8	0.1-6.4 pg/mL	04
HEMOGLOBIN A1c			
HEMOGLOBIN A1c	5.4	<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.

Performing Laboratory Information:

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