

Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

ORDERING PHYSICIAN

CLIENT INFORMATION



Order Today

www.accessalabs.com/women

SPECIMEN INFORMATION

SPECIMEN:

REQUISITION:

LAB REF NO:

DOB:

AGE:

GENDER:

FASTING:

Clinical Info:

COLLECTED:

RECEIVED:

REPORTED:

Test Name	Result	Flag	Reference Range	Lab
LIPID PANEL				
CHOLESTEROL, TOTAL	165		125-200 mg/dL	01
HDL CHOLESTEROL	74		> OR = 46 mg/dL	01
TRIGLYCERIDES	61		<150 mg/dL	01
LDL-CHOLESTEROL	79		<130 mg/dL (calc)	01
Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.				
CHOL/HDL C RATIO	2.2		< OR = 5.0 (calc)	01
NON HDL CHOLESTEROL	91		mg/dL (calc)	01
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				
IRON AND TOTAL IRON BINDING CAPACITY				
IRON, TOTAL	101		40-175 mcg/dL	01
IRON BINDING CAPACITY	267		250-450 mcg/dL	01
% SATURATION	38		15-50 % (calc)	01
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	83		65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	13		7-25 mg/dL	01
CREATININE	0.83		0.50-1.10 mg/dL	01
eGFR NON-AFR. AMERICAN	89		> OR = 60 mL/min/1.73m ²	01
eGFR AFRICAN AMERICAN	104		> OR = 60 mL/min/1.73m ²	01
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	01
SODIUM	138		135-146 mmol/L	01
POTASSIUM	3.8		3.5-5.3 mmol/L	01
CHLORIDE	107		98-110 mmol/L	01
CARBON DIOXIDE	23		19-30 mmol/L	01
CALCIUM	9.4		8.6-10.2 mg/dL	01
PROTEIN, TOTAL	6.7		6.1-8.1 g/dL	01
ALBUMIN	4.4		3.6-5.1 g/dL	01
GLOBULIN	2.3		1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.9		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.8		0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	51		33-115 U/L	01
AST	16		10-30 U/L	01
ALT	19		6-29 U/L	01
CBC (INCLUDES DIFF/PLT)				
WHITE BLOOD CELL COUNT	6.2		3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	4.19		3.80-5.10 Million/uL	01
HEMOGLOBIN	13.1		11.7-15.5 g/dL	01
HEMATOCRIT	37.2		35.0-45.0 %	01
MCV	88.8		80.0-100.0 fL	01
MCH	31.2		27.0-33.0 pg	01
MCHC	35.1		32.0-36.0 g/dL	01
RDW	13.6		11.0-15.0 %	01
PLATELET COUNT	178		140-400 Thousand/uL	01

Sample results. Actual results may vary.

MPV	11.7	HIGH	7.5-11.5 fL	01
ABSOLUTE NEUTROPHILS	3088		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	2499		850-3900 cells/uL	01
ABSOLUTE MONOCYTES	347		200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	217		15-500 cells/uL	01
ABSOLUTE BASOPHILS	50		0-200 cells/uL	01
ABSOLUTE BLASTS	DNR		0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR		0 cells/uL	01
NEUTROPHILS	49.8		%	01
BAND NEUTROPHILS	DNR		%	01
METAMYELOCYTES	DNR		%	01
MYELOCYTES	DNR		%	01
PROMYELOCYTES	DNR		%	01
LYMPHOCYTES	40.3		%	01
REACTIVE LYMPHOCYTES	DNR		0-10 %	01
MONOCYTES	5.6		%	01
EOSINOPHILS	3.5		%	01
BASOPHILS	0.8		%	01
BLASTS	DNR		%	01
NUCLEATED RBC	DNR		0 /100 WBC	01
COMMENT(S)	DNR			01

FSH
 FSH 3.1 mIU/mL 01

Reference Range

Follicular Phase	2.5-10.2
Mid-cycle Peak	3.1-17.7
Luteal Phase	1.5- 9.1
Postmenopausal	23.0-116.3

LH
 LH 6.0 mIU/mL 01

Reference Range

Follicular Phase	1.9-12.5
Mid-Cycle Peak	8.7-76.3
Luteal Phase	0.5-16.9
Postmenopausal	10.0-54.7

PROGESTERONE
 PROGESTERONE 20.0 ng/mL 01

Reference Ranges

Female	
Follicular Phase	< 1.0
Luteal Phase	2.6-21.5
Post menopausal	< 0.5
Pregnancy	
1st Trimester	4.1-34.0
2nd Trimester	24.0-76.0
3rd Trimester	52.0-302.0

TSH
 TSH 1.87 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

ESTRADIOL
 ESTRADIOL 173 pg/mL 01

Reference Range

Sample results. Actual results may vary.

Follicular Phase: 19-144
Mid-Cycle: 64-357
Luteal Phase: 56-214
Post-Menopausal: < or = 31

Reference range established on post-pubertal patient population. No pre-pubertal reference range established using this assay. For any patients for whom low Estradiol levels are anticipated (e.g. males, pre-pubertal children and hypogonadal/post-menopausal females)

HEMOGLOBIN A1c

HEMOGLOBIN A1c 5.0 <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.

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

VITAMIN D, 25-OH, TOTAL 15 **LOW** 30-100 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.

VITAMIN D, 25-OH, D3 15 See Below ng/mL 02

Reference Range: Not established

VITAMIN D, 25-OH, D2 <4 See Below ng/mL 02

Reference Range: Not established

Performing Laboratory Information: