

Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

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SPECIMEN INFORMATION

SPECIMEN:

DOB:

REQUISITION:

AGE:

LAB REF NO:

GENDER:

FASTING:

COLLECTED:

Clinical Info:

RECEIVED:

REPORTED:

Test Name	Result	Flag	Reference Range	Lab
FASTING: YES				
LIPID PANEL				
CHOLESTEROL, TOTAL	182		125-200 mg/dL	01
HDL CHOLESTEROL	66		> OR = 46 mg/dL	01
TRIGLYCERIDES	53		<150 mg/dL	01
LDL-CHOLESTEROL	105		<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	2.8		< OR = 5.0 (calc)	01
NON HDL CHOLESTEROL	116		mg/dL (calc)	01
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	88		65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	18		7-25 mg/dL	01
CREATININE	0.88		0.50-1.10 mg/dL	01
eGFR NON-AFR. AMERICAN	93		> OR = 60 mL/min/1.73m ²	01
eGFR AFRICAN AMERICAN	107		> 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	4.3		3.5-5.3 mmol/L	01
CHLORIDE	105		98-110 mmol/L	01
CARBON DIOXIDE	26		20-31 mmol/L	01
CALCIUM	9.2		8.6-10.2 mg/dL	01
PROTEIN, TOTAL	7.1		6.1-8.1 g/dL	01
ALBUMIN	4.0		3.6-5.1 g/dL	01
GLOBULIN	3.1		1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.3		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	62		33-115 U/L	01
AST	13		10-30 U/L	01
ALT	10		6-29 U/L	01
GLUCOSE TOLERANCE TEST, 2 SPECIMENS (75G)				
FASTING SPECIMEN	79		65-99 mg/dL	01
2 HOUR SPECIMEN	71		<140 mg/dL	01
COMMENT				

American Diabetes Association

Diagnostic Criteria for Diabetes Mellitus

Interpretation	Glucose Value (mg/dL)	
	Fasting	2 hr Tolerance
Normal	<100	<140
Impaired Fasting	100-125	
Impaired Tolerance		140-199
Diabetes	> or =126*	> or =200*

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* Must be confirmed by testing on a subsequent day.

ANDROSTENEDIONE, LC/MS/MS

ANDROSTENEDIONE, LC/MS/MS 165 ng/dL 02

Adult Female Reference Ranges for
Androstenedione, Serum:

Follicular Phase: 35-250 ng/dL
Luteal Phase: 30-235 ng/dL
Postmenopausal Phase: 20-75 ng/dL

INSULIN, B CHAIN, LC/MS/MS

INSULIN, B CHAIN, LC/MS/MS 3.7 <13.7 uIU/mL 02

Fasting insulin levels less than 7.6 microIU/mL are below the 75th percentile of the reference population. Insulin levels above the 75th percentile are associated with a higher risk of insulin resistance, diabetes and coronary heart disease. The reference range is based on the 95th percentile (observed) of a reference population of unmedicated adults in the fasting state with a glucose of <100 mg/dL. Insulin levels vary widely in specimens taken from non-fasting individuals. Interpret results accordingly. References: 1. Lorenzo et al. The metabolic syndrome as predictor of type 2 diabetes: the San Antonio heart study. Diabetes Care. 2003;26:3153 2. Zavaroni et al. Hyperinsulinemia in a normal population as a predictor of non-insulin-dependent diabetes mellitus, hypertension, and coronary heart disease: the Barilla factory revisited. Metabolism. 1999;48:989-94

CBC (INCLUDES DIFF/PLT)

WHITE BLOOD CELL COUNT	5.7		3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	4.31		3.80-5.10 Million/uL	01
HEMOGLOBIN	12.0		11.7-15.5 g/dL	01
HEMATOCRIT	37.8		35.0-45.0 %	01
MCV	87.8		80.0-100.0 fL	01
MCH	27.8		27.0-33.0 pg	01
MCHC	31.7	LOW	32.0-36.0 g/dL	01
RDW	14.2		11.0-15.0 %	01
PLATELET COUNT	330		140-400 Thousand/uL	01
MPV	9.4		7.5-11.5 fL	01
ABSOLUTE NEUTROPHILS	2964		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	2212		850-3900 cells/uL	01
ABSOLUTE MONOCYTES	382		200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	120		15-500 cells/uL	01
ABSOLUTE BASOPHILS	23		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	52.0	%	01
BAND NEUTROPHILS	DNR	%	01
METAMYELOCYTES	DNR	%	01
MYELOCYTES	DNR	%	01
PROMYELOCYTES	DNR	%	01
LYMPHOCYTES	38.8	%	01
REACTIVE LYMPHOCYTES	DNR	0-10 %	01
MONOCYTES	6.7	%	01
EOSINOPHILS	2.1	%	01
BASOPHILS	0.4	%	01
BLASTS	DNR	%	01
NUCLEATED RBC	DNR	0 /100 WBC	01
COMMENT(S)	DNR		01

DHEA SULFATE

DHEA SULFATE	97	18-391 mcg/dL	01
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PROLACTIN

PROLACTIN	41.5	HIGH	ng/mL	01
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Reference Range

Females

Non-pregnant	3.0-30.0
Pregnant	10.0-209.0
Postmenopausal	2.0-20.0

TSH

TSH	1.79	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

HCG, TOTAL, QN

HCG, TOTAL, QN	<2	mIU/mL	01
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Reference Range

Nonpregnant or premenopausal	<5
Postmenopausal	<10

Values from different assay methods may vary.
The use of this assay to monitor or to diagnose patients with cancer or any condition unrelated to pregnancy has not been cleared or approved by the FDA or the manufacturer of the assay.

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

TESTOSTERONE, TOTAL, LC/MS/MS	32	2-45 ng/dL	03
FREE TESTOSTERONE	3.3	0.1-6.4 pg/mL	03

Performing Laboratory Information: