

# Sample results. Actual results may vary.

PATIENT INFORMATION

REPORT STATUS: FINAL

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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
<b>LIPID PANEL</b>				
CHOLESTEROL, TOTAL	263	HIGH	125-200 mg/dL	01
HDL CHOLESTEROL	82		> OR = 46 mg/dL	01
TRIGLYCERIDES	141		<150 mg/dL	01
LDL-CHOLESTEROL	153	HIGH	<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	3.2		< OR = 5.0 (calc)	01
NON HDL CHOLESTEROL	181	HIGH	mg/dL (calc)	01
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.				
<b>COMPREHENSIVE METABOLIC PANEL</b>				
GLUCOSE	80		65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	32	HIGH	7-25 mg/dL	01
CREATININE	1.01		0.50-1.10 mg/dL	01
eGFR NON-AFR. AMERICAN	66		> OR = 60 mL/min/1.73m2	01
eGFR AFRICAN AMERICAN	77		> OR = 60 mL/min/1.73m2	01
BUN/CREATININE RATIO	32	HIGH	6-22 (calc)	01
SODIUM	139		135-146 mmol/L	01
POTASSIUM	4.5		3.5-5.3 mmol/L	01
CHLORIDE	105		98-110 mmol/L	01
CARBON DIOXIDE	27		19-30 mmol/L	01
CALCIUM	8.9		8.6-10.2 mg/dL	01
PROTEIN, TOTAL	6.7		6.1-8.1 g/dL	01
ALBUMIN	4.0		3.6-5.1 g/dL	01
GLOBULIN	2.7		1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.5		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.4		0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	58		33-115 U/L	01
AST	20		10-35 U/L	01
ALT	19		6-29 U/L	01
<b>IGF I, LC/MS</b>				
IGF I, LC/MS	188		52-328 ng/mL	02
Z SCORE (MALE)	DNR			02
Z SCORE (FEMALE)	0.6		-2.0 - +2.0 SD	02
<b>CBC (INCLUDES DIFF/PLT)</b>				
WHITE BLOOD CELL COUNT	5.1		3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	3.89		3.80-5.10 Million/uL	01

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HEMOGLOBIN	12.9		11.7-15.5 g/dL	01
HEMATOCRIT	38.2		35.0-45.0 %	01
MCV	98.1		80.0-100.0 fL	01
MCH	33.1	HIGH	27.0-33.0 pg	01
MCHC	33.7		32.0-36.0 g/dL	01
RDW	13.0		11.0-15.0 %	01
PLATELET COUNT	192		140-400 Thousand/uL	01
MPV	DNR		7.5-11.5 fL	01
ABSOLUTE NEUTROPHILS	2713		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	1795		850-3900 cells/uL	01
ABSOLUTE MONOCYTES	362		200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	199		15-500 cells/uL	01
ABSOLUTE BASOPHILS	31		0-200 cells/uL	01
ABSOLUTE BLASTS	DNR		0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR		0 cells/uL	01
NEUTROPHILS	53.2		%	01
BAND NEUTROPHILS	DNR		%	01
METAMYELOCYTES	DNR		%	01
MYELOCYTES	DNR		%	01
PROMYELOCYTES	DNR		%	01
LYMPHOCYTES	35.2		%	01
REACTIVE LYMPHOCYTES	DNR		0-10 %	01
MONOCYTES	7.1		%	01
EOSINOPHILS	3.9		%	01
BASOPHILS	0.6		%	01
BLASTS	DNR		%	01
NUCLEATED RBC	DNR		0 /100 WBC	01
COMMENT(S)	DNR			01

## PROGESTERONE

PROGESTERONE <0.5 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 2.02 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 69 pg/mL 01

### Reference Range

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,

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pre-pubertal children and hypogonadal/post-menopausal females), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LCMSMS assay is recommended (order code 30289).

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

TESTOSTERONE, TOTAL, LC/MS/MS	22	2-45 ng/dL	03
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FREE TESTOSTERONE	2.7	0.1-6.4 pg/mL	03
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### Performing Laboratory Information:

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