

PATIENT INFORMATION

REPORT STATUS: FINAL

ORDERING PHYSICIAN

CLIENT INFORMATION



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SPECIMEN INFORMATION

SPECIMEN:  
REQUISITION:  
LAB REF NO:

DOB:  
AGE:  
GENDER:  
FASTING:

COLLECTED:  
RECEIVED:  
REPORTED:

Clinical Info:

Test Name	Result	Flag	Reference Range	Lab
FASTING: UNKNOWN				
<b>LIPID PANEL</b>				
CHOLESTEROL, TOTAL	163		125-200 mg/dL	01
HDL CHOLESTEROL	47		> OR = 40 mg/dL	01
TRIGLYCERIDES	38		<150 mg/dL	01
LDL-CHOLESTEROL	108		<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	3.5		< 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.				
<b>COMPREHENSIVE METABOLIC PANEL</b>				
GLUCOSE	91		65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	13		7-25 mg/dL	01
CREATININE	1.03		0.70-1.33 mg/dL	01
For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.				
eGFR NON-AFR. AMERICAN	84		> OR = 60 mL/min/1.73m <sup>2</sup>	01
eGFR AFRICAN AMERICAN	98		> OR = 60 mL/min/1.73m <sup>2</sup>	01
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	01
SODIUM	140		135-146 mmol/L	01
POTASSIUM	4.6		3.5-5.3 mmol/L	01
CHLORIDE	106		98-110 mmol/L	01
CARBON DIOXIDE	30		19-30 mmol/L	01
CALCIUM	9.2		8.6-10.3 mg/dL	01
PROTEIN, TOTAL	5.9	LOW	6.1-8.1 g/dL	01
ALBUMIN	4.1		3.6-5.1 g/dL	01
GLOBULIN	1.8	LOW	1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	2.3		1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.7		0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	40		40-115 U/L	01
AST	30		10-35 U/L	01
ALT	30		9-46 U/L	01
<b>TSH</b>				
TSH	1.71		0.40-4.50 mIU/L	01
<b>IGF I, LC/MS</b>				
IGF I, LC/MS	309		50-317 ng/mL	02
Z SCORE (MALE)	1.8		-2.0 - +2.0 SD	02

**CBC (INCLUDES DIFF/PLT)**

WHITE BLOOD CELL COUNT	3.1	LOW	3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	5.01		4.20-5.80 Million/uL	01
HEMOGLOBIN	15.6		13.2-17.1 g/dL	01
HEMATOCRIT	45.6		38.5-50.0 %	01
MCV	90.9		80.0-100.0 fL	01
MCH	31.1		27.0-33.0 pg	01
MCHC	34.3		32.0-36.0 g/dL	01
RDW	12.9		11.0-15.0 %	01
PLATELET COUNT	169		140-400 Thousand/uL	01
ABSOLUTE NEUTROPHILS	1370	LOW	1500-7800 cells/uL	01
ABSOLUTE LYMPHOCYTES	1429		850-3900 cells/uL	01
ABSOLUTE MONOCYTES	226		200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	56		15-500 cells/uL	01
ABSOLUTE BASOPHILS	19		0-200 cells/uL	01
NEUTROPHILS	44.2		%	01
LYMPHOCYTES	46.1		%	01
MONOCYTES	7.3		%	01
EOSINOPHILS	1.8		%	01
BASOPHILS	0.6		%	01

**ESTRADIOL**

ESTRADIOL	37		< OR = 39 pg/mL	01
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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)

**PSA, TOTAL**

PSA, TOTAL	2.4		< OR = 4.0 ng/mL	01
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This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

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

TESTOSTERONE, TOTAL, LC/MS/MS	1813	HIGH	250-1100 ng/dL	03
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FREE TESTOSTERONE	502.2	HIGH	35.0-155.0 pg/mL	03
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**Performing Laboratory Information:**