

Test Name	In Range	Out of Range	Reference Range	Lab
TESTOSTERONE, T, MALE, ADULT	582		250-827 ng/dL	TBR
IGF 1, LC/MS				QNI
IGF-I, LC/MS	156		50-317 ng/mL	
Z-SCORE (MALE)	0.2		-2.0 - +2.0 SD	

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

DIHYDROTESTOSTERON, LCMSMS	54		16-79 ng/dL	QNI
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FOOTNOTE(S) :

- 1 Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.
- 2 Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.

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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), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LC/MS/MS assay is recommended (Order code 30289X).

Please note: patients being treated with the drug fulvestrant (Faslodex(R)) have demonstrated significant

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Test Name	In Range	Out of Range	Reference Range	Lab
COMP METAB PANEL				TBR
GLUCOSE, FASTING	82		65-99 mg/dL	
SODIUM	138		135-146 mmol/L	
POTASSIUM	4.0		3.5-5.3 mmol/L	
CHLORIDE	102		98-110 mmol/L	
CARBON DIOXIDE	30		20-31 mmol/L	
UREA NITROGEN	13		7-25 mg/dL	
CREATININE	0.97		0.70-1.33 mg/dL	
The upper reference limit for Creatinine is approximately 13% higher for people identified as African-American.				
BUN/CREATININE RATIO	NOTE		6-22 (calc)	
Bun/Creatinine ratio is not reported when the Bun and Creatinine values are within normal limits.				
CALCIUM	9.4		8.6-10.3 mg/dL	
PROTEIN, TOTAL	6.7		6.1-8.1 g/dL	
ALBUMIN	4.2		3.6-5.1 g/dL	
GLOBULIN	2.5		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.7		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.7		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	89		40-115 U/L	
AST	29		10-35 U/L	
ALT	33		9-46 U/L	
EGFR NON AFR AMERICAN	91		≥ 60 mL/min/1.73m ²	
EGFR AFRICAN AMERICAN	105		≥ 60 mL/min/1.73m ²	

Test Name	In Range	Out of Range	Reference Range	Lab
LIPID PANEL				TBR
CHOLESTEROL, TOTAL	175		125-200 mg/dL	
HDL CHOLESTEROL	44		>=40 mg/dL	
CHOLESTEROL/HDL RATIO	4.0		< = 5.0	
LDL CHOL, CALCULATED	92		<130 mg/dL	
See footnote 1				
TRIGLYCERIDES		195	H <150 mg/dL	
NON HDL CHOLESTEROL	131		mg/dL	
See footnote 2				
TSH	1.98		0.40-4.50 mIU/L	TBR
CBC (INCLUDES DIFF/PLT)				TBR
WBC	6.4		3.8-10.8 Thous/mcL	
RBC	5.20		4.20-5.80 Mill/mcL	
HEMOGLOBIN	17.0		13.2-17.1 g/dL	
HEMATOCRIT		50.7	H 38.5-50.0 %	
MCV	97.5		80.0-100.0 fL	
MCH	32.7		27.0-33.0 pg	
MCHC	33.6		32.0-36.0 g/dL	
RDW	13.0		11.0-15.0 %	
PLATELET COUNT	227		140-400 Thous/mcL	
MPV	8.4		7.5-12.5 fL	
TOTAL NEUTROPHILS, %	58.9		38-80 %	
TOTAL LYMPHOCYTES, %	28.9		15-49 %	
MONOCYTES, %	6.9		0-13 %	
EOSINOPHILS, %	4.5		0-8 %	
BASOPHILS, %	0.8		0-2 %	
NEUTROPHILS, ABSOLUTE	3770		1500-7800 Cells/mcL	
LYMPHOCYTES, ABSOLUTE	1850		850-3900 Cells/mcL	
MONOCYTES, ABSOLUTE	442		200-950 Cells/mcL	
EOSINOPHILS, ABSOLUTE	288		15-500 Cells/mcL	
BASOPHILS, ABSOLUTE	51		0-200 Cells/mcL	
DIFFERENTIAL				

An instrument differential was performed.

ESTRADIOL	53	H	< OR = 39 pg/mL	TBR
See footnote 3				