

Patient Information	Specimen Information	Client Information

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
TESTOSTERONE, FREE (DIALYSIS) AND TOTAL (MS)				
TESTOSTERONE, TOTAL, MS	587		250-1100 ng/dL	SLI
<p>Men with clinically significant hypogonadal symptoms and testosterone values repeatedly in the range of the 200-300 ng/dL or less, may benefit from testosterone treatment after adequate risk and benefits counseling.</p> <p>For additional information, please refer to http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS (This link is being provided for informational/educational purposes only.)</p> <p>This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.</p>				
TESTOSTERONE, FREE (DIALYSIS)				SLI
TESTOSTERONE, FREE	80.7		35.0-155.0 pg/mL	
<p>This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.</p>				
THYROID PANEL WITH TSH				
THYROID PANEL				EN
T3 UPTAKE	27		22-35 %	
T4 (THYROXINE), TOTAL	8.3		4.9-10.5 mcg/dL	
FREE T4 INDEX (T7)	2.2		1.4-3.8	
TSH	2.61		0.40-4.50 mIU/L	EN
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	155		<200 mg/dL	EN
HDL CHOLESTEROL	43		> OR = 40 mg/dL	EN
TRIGLYCERIDES	64		<150 mg/dL	EN
LDL-CHOLESTEROL	97		mg/dL (calc)	EN
<p>Reference range: <100</p> <p>Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.</p> <p>LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C.</p> <p>Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)</p>				
CHOL/HDLRATIO	3.6		<5.0 (calc)	EN
NON HDL CHOLESTEROL	112		<130 mg/dL (calc)	EN

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PLATELET COUNT	318		140-400 Thousand/uL	
MPV	10.2		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	3009		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES		570 L	850-3900 cells/uL	
ABSOLUTE MONOCYTES	361		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	119		15-500 cells/uL	
ABSOLUTE BASOPHILS	41		0-200 cells/uL	
NEUTROPHILS	73.4		%	
LYMPHOCYTES	13.9		%	
MONOCYTES	8.8		%	
EOSINOPHILS	2.9		%	
BASOPHILS	1.0		%	
URINALYSIS, COMPLETE				EN
COLOR	YELLOW		YELLOW	
APPEARANCE		CLOUDY	CLEAR	
SPECIFIC GRAVITY	1.021		1.001-1.035	
PH	6.0		5.0-8.0	
GLUCOSE	NEGATIVE		NEGATIVE	
BILIRUBIN	NEGATIVE		NEGATIVE	
KETONES		1+	NEGATIVE	
OCCULT BLOOD	NEGATIVE		NEGATIVE	
PROTEIN		TRACE	NEGATIVE	
NITRITE	NEGATIVE		NEGATIVE	
LEUKOCYTE ESTERASE	NEGATIVE		NEGATIVE	
WBC	NONE SEEN		< OR = 5 /HPF	
RBC	NONE SEEN		< OR = 2 /HPF	
SQUAMOUS EPITHELIAL CELLS	NONE SEEN		< OR = 5 /HPF	
BACTERIA	NONE SEEN		NONE SEEN /HPF	
HYALINE CAST	NONE SEEN		NONE SEEN /LPF	

This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements. Only those elements seen were reported.

IRON AND TOTAL IRON				EN
BINDING CAPACITY				
IRON, TOTAL	147		50-180 mcg/dL	
IRON BINDING CAPACITY	338		250-425 mcg/dL (calc)	
% SATURATION	43		20-48 % (calc)	
PSA, TOTAL	0.15		< OR = 4.00 ng/mL	EN

The total PSA value from this assay system is standardized against the WHO standard. The test result will be approximately 20% lower when compared to the equimolar-standardized total PSA (Beckman Coulter). Comparison of serial PSA results should be interpreted with this fact in mind.

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.

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Endocrinology			
Test Name	Result	Reference Range	Lab
VITAMIN D,25-OH,TOTAL,IA	46	30-100 ng/mL	EN
<p>Vitamin D Status 25-OH Vitamin D:</p> <p>Deficiency: <20 ng/mL</p> <p>Insufficiency: 20 - 29 ng/mL</p> <p>Optimal: > or = 30 ng/mL</p> <p>For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs).</p>			
<p>For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ199 (This link is being provided for informational/ educational purposes only.)</p>			
<p>Physician Comments:</p>			

PERFORMING SITE:

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