

Patient Information	Specimen Information	Client Information
\ Gender: M Phone: Health ID: AGE: 44 Fasting: N	Specimen: Requisition: Lab Ref #: Collected: 11/01/2022 / 13:43 PDT Received: 11/01/2022 / 21:29 PDT Reported: 11/05/2022 / 19:54 PDT	VNLZR00

COMMENTS: FASTING:NO

Test Name	In Range	Out Of Range	Reference Range	Lab
TESTOSTERONE, FREE, BIOAVAILABLE AND TOTAL, MS				
ALBUMIN	4.5		3.6-5.1 g/dL	SLI
SEX HORMONE BINDING GLOBULIN	17		10-50 nmol/L	SLI
TESTOSTERONE, FREE AND BIOAVAILABLE				SLI
TESTOSTERONE, FREE	133.8		46.0-224.0 pg/mL	
TESTOSTERONE, BIOAVAILABLE	275.2		110.0-575.0 ng/dL	
TESTOSTERONE, TOTAL, MS	586		250-1100 ng/dL	SLI

For additional information, please refer to <http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS> (This link is being provided for informational/educational purposes only.)

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.

ESTROGENS, FRACTIONATED, LC/MS				
ESTRONE	50		< OR = 68 pg/mL	EZ

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ESTRADIOL, ULTRASENSITIVE LC/MS		47 H	< OR = 29 pg/mL	EZ
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ESTRIOL, SERUM	<0.10		ng/mL	EZ
		Reference Range:		
		ADULTS: < OR = 0.18		

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COMPREHENSIVE METABOLIC PANEL				NW
GLUCOSE	109		65-139 mg/dL	



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Test Name	In Range	Out Of Range	Reference Range	Lab
Non-fasting reference interval				
UREA NITROGEN (BUN)	20		7-25 mg/dL	
CREATININE	0.82		0.60-1.29 mg/dL	
EGFR	111		> OR = 60 mL/min/1.73m2	
The eGFR is based on the CKD-EPI 2021 equation. To calculate the new eGFR from a previous Creatinine or Cystatin C result, go to https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator				
BUN/CREATININE RATIO	NOT APPLICABLE		6-22 (calc)	
SODIUM	142		135-146 mmol/L	
POTASSIUM	4.1		3.5-5.3 mmol/L	
CHLORIDE	105		98-110 mmol/L	
CARBON DIOXIDE	27		20-32 mmol/L	
CALCIUM	9.7		8.6-10.3 mg/dL	
PROTEIN, TOTAL	6.5		6.1-8.1 g/dL	
ALBUMIN	4.5		3.6-5.1 g/dL	
GLOBULIN	2.0		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.3		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	1.0		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	48		36-130 U/L	
AST	27		10-40 U/L	
ALT	39		9-46 U/L	
CBC (INCLUDES DIFF/PLT)				NW
WHITE BLOOD CELL COUNT	7.1		3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	5.15		4.20-5.80 Million/uL	
HEMOGLOBIN	15.3		13.2-17.1 g/dL	
HEMATOCRIT	45.7		38.5-50.0 %	
MCV	88.7		80.0-100.0 fL	
MCH	29.7		27.0-33.0 pg	
MCHC	33.5		32.0-36.0 g/dL	
RDW	13.8		11.0-15.0 %	
PLATELET COUNT	260		140-400 Thousand/uL	
MPV	9.7		7.5-12.5 fL	
ABSOLUTE NEUTROPHILS	4352		1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	1953		850-3900 cells/uL	
ABSOLUTE MONOCYTES	675		200-950 cells/uL	
ABSOLUTE EOSINOPHILS	92		15-500 cells/uL	
ABSOLUTE BASOPHILS	28		0-200 cells/uL	
NEUTROPHILS	61.3		%	
LYMPHOCYTES	27.5		%	
MONOCYTES	9.5		%	
EOSINOPHILS	1.3		%	
BASOPHILS	0.4		%	
FERRITIN	58		38-380 ng/mL	NW

PERFORMING SITE:

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