

FASTING:YES

⚠ TESTOSTERONE, FREE, BIOAVAILABLE AND TOTAL, MALES (ADULT), IMMUNOASSAY

Analyte	Value	
⚠ TESTOSTERONE, TOTAL, MALES (ADULT), IA	832 H	Reference Range: 250-827 ng/dL
ALBUMIN	4.8	Reference Range: 3.6-5.1 g/dL
⚠ SEX HORMONE BINDING GLOBULIN	7 L	Reference Range: 10-50 nmol/L

⚠ TESTOSTERONE, FREE

Analyte	Value	
⚠ TESTOSTERONE, FREE	288.2 H	Reference Range: 46.0-224.0 pg/mL
⚠ TESTOSTERONE,BIOAVAILABLE	630.2 H	Reference Range: 110.0-575.0 ng/dL

⚠ COMPREHENSIVE METABOLIC PANEL

Analyte	Value	
GLUCOSE Fasting reference interval	97	Reference Range: 65-99 mg/dL
UREA NITROGEN (BUN)	14	Reference Range: 7-25 mg/dL
CREATININE	0.96	Reference Range: 0.60-1.24 mg/dL
EGFR	111	Reference Range: > OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO Not Reported: BUN and Creatinine are within reference range.	SEE NOTE:	Reference Range: 6-22 (calc)
SODIUM	138	Reference Range: 135-146 mmol/L
POTASSIUM	4.3	Reference Range: 3.5-5.3 mmol/L
CHLORIDE	101	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	26	Reference Range: 20-32 mmol/L
CALCIUM	9.3	Reference Range: 8.6-10.3 mg/dL
PROTEIN, TOTAL	7.6	Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.8	Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.8	Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.7	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.8	Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	59	Reference Range: 36-130 U/L
AST	26	Reference Range: 10-40 U/L
⚠ ALT	56 H	Reference Range: 9-46 U/L

▲ CBC (H/H, RBC, INDICES, WBC, PLT)

Analyte	Value	
WHITE BLOOD CELL COUNT	6.2	Reference Range: 3.8-10.8 Thousand/uL
▲ RED BLOOD CELL COUNT	5.95 H	Reference Range: 4.20-5.80 Million/uL
▲ HEMOGLOBIN	18.0 H	Reference Range: 13.2-17.1 g/dL
▲ HEMATOCRIT	53.1 H	Reference Range: 39.4-51.1 %
MCV	89.2	Reference Range: 81.4-101.7 fL
MCH	30.3	Reference Range: 27.0-33.0 pg
MCHC	33.9	Reference Range: 31.6-35.4 g/dL
RDW	12.9	Reference Range: 11.0-15.0 %
PLATELET COUNT	274	Reference Range: 140-400 Thousand/uL
MPV	10.2	Reference Range: 7.5-12.5 fL

▲ ESTRADIOL

Analyte	Value	
▲ ESTRADIOL	74 H	Reference Range: < OR = 39pg/mL
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, LCMSMS assay is recommended (order code 30289). Please note: patients being treated with the drug fulvestrant (Faslodex(R)) have demonstrated significant interference in immunoassay methods for estradiol measurement. The cross reactivity could lead to falsely elevated estradiol test results leading to an inappropriate clinical assessment of estrogen status. Quest Diagnostics order code 30289-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.		

PSA, TOTAL

Analyte	Value	
PSA, TOTAL	0.67	Reference Range: < OR = 4.00ng/mL
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.		

Performing Sites

IG Quest Diagnostics-Dallas Lab, 4770 Regent Blvd, Irving, TX 75063-2445 Laboratory Director: Clare McCormick-Baw MD, PhD

Key

🚨 Priority Out of Range ▲ Out of Range

These results have been sent to the person who ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.

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