

H-----,J-----

Sex: M

Age: 64  
Fasting:

Collected: 05/15/2023 07:54  
Received: 05/15/2023 07:55  
Reported: 05/22/2023 01:10

Client #  
DISCOUNTED LABS 1302  
WAUGH DR # 143  
HOUSTON, TX 77019-3908  
Phone: (281) 984-9464

**▲ DIHYDROTESTOSTERONE**

Analyte	Value
<b>▲ DIHYDROTESTOSTERONE, LC/MS/MS</b>	<b>68 H</b> Reference Range: 12-65 ng/dL
<p>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.</p>	

**COMPREHENSIVE METABOLIC PANEL**

Analyte	Value
GLUCOSE Fasting reference interval	<b>96</b> Reference Range: 65-99 mg/dL
UREA NITROGEN (BUN)	<b>18</b> Reference Range: 7-25 mg/dL
CREATININE	<b>0.87</b> Reference Range: 0.70-1.35 mg/dL
EGFR 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 <a href="https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator">https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator</a>	<b>96</b> Reference Range: > OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO	NOT APPLICABLE Reference Range: 6-22 (calc)
SODIUM	<b>140</b> Reference Range: 135-146 mmol/L
POTASSIUM	<b>4.1</b> Reference Range: 3.5-5.3 mmol/L
CHLORIDE	<b>103</b> Reference Range: 98-110 mmol/L
CARBON DIOXIDE	<b>28</b> Reference Range: 20-32 mmol/L
CALCIUM	<b>9.9</b> Reference Range: 8.6-10.3 mg/dL
PROTEIN, TOTAL	<b>6.6</b> Reference Range: 6.1-8.1 g/dL
ALBUMIN	<b>4.5</b> Reference Range: 3.6-5.1 g/dL
GLOBULIN	<b>2.1</b> Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	<b>2.1</b> Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	<b>0.4</b> Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	<b>85</b> Reference Range: 35-144 U/L
AST	<b>28</b> Reference Range: 10-35 U/L
ALT	<b>35</b> Reference Range: 9-46 U/L

**ESTRADIOL,ULTRASENSITIVE, LC/MS**

Analyte	Value
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ESTRADIOL,ULTRASENSITIVE, LC/MS

25 Reference Range: < OR = 29 pg/mL

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.

## TESTOSTERONE, FREE (DIALYSIS) AND TOTAL,MS

Analyte	Value
TESTOSTERONE, TOTAL, MS	1046 Reference Range: 250-1100 ng/dL
For additional information, please refer to <a href="https://education.questdiagnostics.com/faq/FAQ165">https://education.questdiagnostics.com/faq/FAQ165</a> (This link is being provided for informational/educational purposes only.) (Note)	
This test was developed and its analytical performance characteristics have been determined by medfusion. 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.	

TESTOSTERONE, FREE

145.3 Reference Range: 35.0-155.0 pg/mL

(Note)

This test was developed and its analytical performance characteristics have been determined by medfusion. 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.

MDF

med fusion

2501 South State Highway 121,Suite 1100

Lewisville TX 75067

972-966-7300

Michael Champ, MD

## CBC (INCLUDES DIFF/PLT)

Analyte	Value
WHITE BLOOD CELL COUNT	5.3 Reference Range: 3.8-10.8 Thousand/uL
RED BLOOD CELL COUNT	4.42 Reference Range: 4.20-5.80 Million/uL
HEMOGLOBIN	13.3 Reference Range: 13.2-17.1 g/dL
HEMATOCRIT	39.8 Reference Range: 38.5-50.0 %
MCV	90.0 Reference Range: 80.0-100.0 fL
MCH	30.1 Reference Range: 27.0-33.0 pg
MCHC	33.4 Reference Range: 32.0-36.0 g/dL
RDW	12.4 Reference Range: 11.0-15.0 %
PLATELET COUNT	148 Reference Range: 140-400 Thousand/uL
MPV	10.6 Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	3572 Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	1182 Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	334 Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	180 Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	32 Reference Range: 0-200 cells/uL
NEUTROPHILS	67.4 %
LYMPHOCYTES	22.3 %
MONOCYTES	6.3 %

EOSINOPHILS	3.4	%
BASOPHILS	0.6	%

## PSA, TOTAL

Analyte	Value
PSA, TOTAL	1.23 Reference Range: < OR = 4.00 ng/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

CB Quest Diagnostics-Wood Dale, 1355 Mittel Blvd, Wood Dale, IL 60191-1024 Laboratory Director: Anthony V Thomas

EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramica MD,PhD,MBA

Z3E MedFusion-MedFusion, 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188 Laboratory Director: Michael Chaump MD

### 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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