

RAINERI, SEAN

DOB: 04/26/2003 | Sex: M | Specimen: CZ514169V | Report Status: FINAL / SEE REPORT |
Collected Date: 02/14/2024 09:43



Basic Health Profile FINAL

Result

Cholesterol, Total 186
Desired Range: <200 mg/dL

HDL Cholesterol 58
Desired Range: > OR = 40 mg/dL

Triglycerides 80
Desired Range: <150 mg/dL

▲ LDL Cholesterol 111 HIGH

Unit of Measure: mg/dL (calc)

Reference range: <100

Desirable range <100 mg/dL for primary prevention;
<70 mg/dL for patients with CHD or diabetic patients
with > or = 2 CHD risk factors.

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.
Martin SS et al. JAMA. 2013;310(19): 2061-2068
(<http://education.QuestDiagnostics.com/faq/FAQ164>)

Cholesterol Total/Cholesterol HDL Ratio 3.2
Desired Range: <5.0 (calc)

Non HDL Cholesterol 128
Desired Range: <130 mg/dL (calc)

For patients with diabetes plus 1 major ASCVD risk
factor, treating to a non-HDL-C goal of <100 mg/dL
(LDL-C of <70 mg/dL) is considered a therapeutic
option.

Complete Blood Count (CBC)

Result

White Blood Cell Count 3.9
Desired Range: 3.8-10.8 Thousand/uL

Red Blood Cell Count 4.61
Desired Range: 4.20-5.80 Million/uL

Hemoglobin 14.3
Desired Range: 13.2-17.1 g/dL

Hematocrit 41.6
Desired Range: 38.5-50.0 %

Mean RBC Volume 90.2
Desired Range: 80.0-100.0 fL

Mean RBC Iron 31.0
Desired Range: 27.0-33.0 pg

Mean RBC Iron Concentration	34.4
Desired Range: 32.0-36.0 g/dL	
RBC Distribution Width	11.9
Desired Range: 11.0-15.0 %	
Platelets	195
Desired Range: 140-400 Thousand/uL	
MPV	10.4
Desired Range: 7.5-12.5 fL	
Absolute Neutrophils	1708
Desired Range: 1500-7800 cells/uL	
Absolute Lymphocytes	1755
Desired Range: 850-3900 cells/uL	
Absolute Monocytes	320
Desired Range: 200-950 cells/uL	
Absolute Eosinophils	78
Desired Range: 15-500 cells/uL	
Absolute Basophils	39
Desired Range: 0-200 cells/uL	

Comprehensive Metabolic Panel (CMP)	Result
Glucose (Blood Sugar)	89
Desired Range: 65-99 mg/dL	
Fasting reference interval	
Urea Nitrogen (BUN)	22
Desired Range: 7-25 mg/dL	
Creatinine	0.99
Desired Range: 0.60-1.24 mg/dL	
EGFR	112
Desired Range: > OR = 60 mL/min/1.73m2	
BUN/Creatinine Ratio	SEE NOTE:
Desired Range: 6-22 (calc)	
Not Reported: BUN and Creatinine are within reference range.	
Sodium	140
Desired Range: 135-146 mmol/L	
Potassium	4.3
Desired Range: 3.5-5.3 mmol/L	
Chloride	105
Desired Range: 98-110 mmol/L	
Carbon Dioxide	29
Desired Range: 20-32 mmol/L	
Calcium	9.8
Desired Range: 8.6-10.3 mg/dL	

Protein, Total Desired Range: 6.1-8.1 g/dL	6.6
Albumin Desired Range: 3.6-5.1 g/dL	4.6
Globulin Desired Range: 1.9-3.7 g/dL (calc)	2.0
Albumin/Globulin Ratio Desired Range: 1.0-2.5 (calc)	2.3
Bilirubin, Total Desired Range: 0.2-1.2 mg/dL	0.9
Alkaline Phosphatase Desired Range: 36-130 U/L	69
Aspartate Aminotransferase Desired Range: 10-40 U/L	27
Alanine Aminotransferase Desired Range: 9-46 U/L	28

Urine Analysis

	Result
Color Desired Result: YELLOW	YELLOW
Appearance Desired Result: CLEAR	CLEAR
Specific Gravity Desired Range: 1.001-1.035	1.015
pH Desired Range: 5.0-8.0	6.5
Glucose (Blood Sugar) Desired Result: NEGATIVE	NEGATIVE
Bilirubin Desired Result: NEGATIVE	NEGATIVE
Ketones Desired Result: NEGATIVE	NEGATIVE
Occult Blood Desired Result: NEGATIVE	NEGATIVE
Protein Desired Result: NEGATIVE	NEGATIVE
Nitrite Desired Result: NEGATIVE	NEGATIVE
Leukocyte Esterase Desired Result: NEGATIVE	NEGATIVE
WBC Desired Range: < OR = 5 /HPF	NONE SEEN

RBC Desired Range: < OR = 2 /HPF	NONE SEEN
Squamous Epithelial Cells Desired Range: < OR = 5 /HPF	NONE SEEN
Bacteria Desired Range: NONE SEEN /HPF	NONE SEEN
Hyaline Cast Desired Range: NONE SEEN /LPF	NONE SEEN

Note

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

Men's Hormone Panel - Expanded FINAL

	Result
Albumin Desired Range: 3.6-5.1 g/dL	4.6
SEX HORMONE BINDING GLOBULIN Desired Range: 10-50 nmol/L	33
TESTOSTERONE, TOTAL, MS Desired Range: 250-1100 ng/dL For additional information, please refer to http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMSFAQ165 (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 Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.	397
ESTRADIOL Desired Range: <=39 pg/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.	<15

PROLACTIN

4.1

Desired Range: see note ng/mL

Unable to flag abnormal result(s), please refer to reference range(s) below:

Reference range(s):

Adult Males: 2.0 - 18.0 ng/mL
Adult Females:
- Non-pregnant: 3.0 - 30.0 ng/mL
- Pregnant: 10.0 - 209.0 ng/mL
- Post-Menopausal: 2.0 - 20.0 ng/mL

TESTOSTERONE, FREE AND BIOAVAILABLE

Result

TESTOSTERONE, FREE

51.6

Desired Range: 46.0-224.0 pg/mL

▲ TESTOSTERONE, BIOAVAILABLE

108.3 LOW

Desired Range: 110.0-575.0 ng/dL

THYROID DISORDER MONITORING, INITIAL FINAL

Result

TSH (Thyroid Screen)

0.56

Desired Range: 0.40-4.50 mIU/L

T4, FREE

1.4

Desired Range: 0.8-1.4 ng/dL

THYROID PEROXIDASE ANTIBODIES

<1

Desired Range: <9 IU/mL

Next Steps

Still Have Questions?

Contact the PWNHealth care coordination team to schedule a session with a physician to discuss your results.

Monday - Friday / 9:00am - 5:30pm EST, Phone: (855) 205-6146

Performing Lab

Z99 Quest Diagnostics-Clifton, 1 Insights Drive, Clifton, NJ 07012-2355 Laboratory Director: Peter E Fisher

AMD Quest Diagnostics/Nichols Chantilly-Chantilly VA, 14225 Newbrook Dr, Chantilly, VA 20151-2228 Laboratory Director: Patrick W Mason M.D., PhD

Ordering Physician

HERMAN, GREGORY

PWN HEALTH, (888) 362-4321

Key:

▲ Out of Range * PEND Pending Result PRE Preliminary Result FINAL Final Result RE Reissued Result

* Refers to a result that is outside of the provided normal range.

To feel fully empowered to make healthy decisions based on your test results, it is recommended that you discuss them with a health care provider. Please note, our patient service centers or laboratories do not have your full medical story to provide you with an interpretation or diagnosis.

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