

Date Collected: **03/24/2025**

Date Received: **03/24/2025**

Date Reported: **03/26/2025**

Fasting: **Yes**

Ordered Items: **CBC With Differential/Platelet; CMP14+1AC; Lipid Panel w/ Chol/HDL Ratio; Testosterone; Estradiol; Testosterone, Free, Direct**

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CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	5.0		x10E3/uL	3.4-10.8
RBC ⁰¹	5.55		x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	16.8		g/dL	13.0-17.7
Hematocrit ⁰¹	51.0		%	37.5-51.0
MCV ⁰¹	92		fL	79-97
MCH ⁰¹	30.3		pg	26.6-33.0
MCHC ⁰¹	32.9		g/dL	31.5-35.7
RDW ⁰¹	13.0		%	11.6-15.4
Platelets ⁰¹	228		x10E3/uL	150-450
Neutrophils ⁰¹	45		%	Not Estab.
Lymphs ⁰¹	39		%	Not Estab.
Monocytes ⁰¹	9		%	Not Estab.
Eos ⁰¹	6		%	Not Estab.
Basos ⁰¹	1		%	Not Estab.
Neutrophils (Absolute) ⁰¹	2.2		x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.9		x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.4		x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.3		x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.1		x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0		%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0		x10E3/uL	0.0-0.1

CMP14+1AC

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Chemistries ⁰¹				
Glucose ⁰¹	76		mg/dL	70-99
Uric Acid ⁰¹	4.5		mg/dL	3.8-8.4
		Therapeutic target for gout patients: <6.0		
BUN ⁰¹	19		mg/dL	6-24
Creatinine ⁰¹	1.19		mg/dL	0.76-1.27
eGFR	77		mL/min/1.73	>59
BUN/Creatinine Ratio	16			9-20
Sodium ⁰¹	139		mmol/L	134-144
Potassium ⁰¹	5.0		mmol/L	3.5-5.2
Chloride ⁰¹	102		mmol/L	96-106
Carbon Dioxide, Total ⁰¹	23		mmol/L	20-29
Calcium ⁰¹	9.4		mg/dL	8.7-10.2

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CMP14+1AC (Cont.)

Protein, Total ⁰¹	6.9	g/dL	6.0-8.5
Albumin ⁰¹	4.3	g/dL	4.1-5.1
Globulin, Total	2.6	g/dL	1.5-4.5
Bilirubin, Total ⁰¹	1.1	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	70	IU/L	44-121
AST (SGOT) ⁰¹	30	IU/L	15-59
Please note reference interval change			
ALT (SGPT) ⁰¹	20	IU/L	0-50
Please note reference interval change			

Lipid Panel w/ Chol/HDL Ratio

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cholesterol, Total ⁰¹	192		mg/dL	100-199
Triglycerides ⁰¹	57		mg/dL	0-149
HDL Cholesterol ⁰¹	83		mg/dL	>39
VLDL Cholesterol Cal	11		mg/dL	5-40
LDL Chol Calc (NIH)	98		mg/dL	0-99
T. Chol/HDL Ratio	2.3		ratio	0.0-5.0

Please Note: ⁰¹

T. Chol/HDL Ratio			
	Men	Women	
1/2 Avg.Risk	3.4	3.3	
Avg.Risk	5.0	4.4	
2X Avg.Risk	9.6	7.1	
3X Avg.Risk	23.4	11.0	

Testosterone

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Testosterone ⁰¹	876		ng/dL	264-916
Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017;102;1161-1173. PMID: 28324103.				
Verified by repeat analysis				

Estradiol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Estradiol ⁰¹	70.9 High Roche ECLIA methodology		pg/mL	7.6-42.6

Testosterone, Free, Direct

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Free Testosterone(Direct) ⁰²	19.7		pg/mL	6.8-21.5