

Ordered Items: **CMP12+LP+6AC, CBC With Differential/Platelet, Iron and TIBC, Ferritin, Serum**

Date Collected:	Date Received:	Date Reported:	Fasting: Yes
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CMP12+LP+6AC

Tests	Result	Flag	Units	Reference Interval
Chemistries ⁰¹				
Glucose ⁰¹	96		mg/dL	65-99
Uric Acid ⁰¹	5.0		mg/dL	3.8-8.4
Therapeutic target for gout patients: <6.0				
BUN ⁰¹	10		mg/dL	6-20
Creatinine ⁰¹	0.88		mg/dL	0.76-1.27
eGFR If NonAfricn Am	116		mL/min/1.73	>59
eGFR If Africn Am	135		mL/min/1.73	>59
BUN/Creatinine Ratio	11			9-20
Sodium ⁰¹	141		mmol/L	134-144
Potassium ⁰¹	4.4		mmol/L	3.5-5.2
Chloride ⁰¹	105		mmol/L	96-106
Calcium ⁰¹	9.2		mg/dL	8.7-10.2
Phosphorus ⁰¹	3.4		mg/dL	2.8-4.1
Protein, Total ⁰¹	6.8		g/dL	6.0-8.5
Albumin ⁰¹	4.5		g/dL	4.1-5.2
Globulin, Total	2.3		g/dL	1.5-4.5
A/G Ratio	2.0			1.2-2.2
Bilirubin, Total ⁰¹	0.4		mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	62		IU/L	39-117
LDH ⁰¹	121		IU/L	121-224
AST (SGOT) ⁰¹	33		IU/L	0-40
ALT (SGPT) ⁰¹	38		IU/L	0-44
GGT ⁰¹	38		IU/L	0-65
Iron ⁰¹	109		ug/dL	38-169
Lipids ⁰¹				
Cholesterol, Total ⁰¹	164		mg/dL	100-199
Triglycerides ⁰¹	62		mg/dL	0-149
HDL Cholesterol ⁰¹	73		mg/dL	>39
VLDL Cholesterol Cal	12		mg/dL	5-40
LDL Chol Calc (NIH)	79		mg/dL	0-99
T. Chol/HDL Ratio	2.2		ratio	0.0-5.0
Please Note: ⁰¹				

T. Chol/HDL Ratio		
	Men	Women

CMP12+LP+6AC (Cont.)

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

Estimated CHD Risk < 0.5 0.0-1.0

The CHD Risk is based on the T. Chol/HDL ratio. Other factors affect CHD Risk such as hypertension, smoking, diabetes, severe obesity, and family history of premature CHD.

CBC With Differential/Platelet

Tests	Result	Flag	Units	Reference Interval
WBC ⁰¹	5.3		x10E3/uL	3.4-10.8
RBC ⁰¹	5.29		x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	13.7		g/dL	13.0-17.7
Hematocrit ⁰¹	42.8		%	37.5-51.0
MCV ⁰¹	81		fL	79-97
▼ MCH ⁰¹	25.9	Low	pg	26.6-33.0
MCHC ⁰¹	32.0		g/dL	31.5-35.7
RDW ⁰¹	14.2		%	11.6-15.4
Platelets ⁰¹	279		x10E3/uL	150-450
Neutrophils ⁰¹	52		%	Not Estab.
Lymphs ⁰¹	34		%	Not Estab.
Monocytes ⁰¹	8		%	Not Estab.
Eos ⁰¹	4		%	Not Estab.
Basos ⁰¹	2		%	Not Estab.
Neutrophils (Absolute) ⁰¹	2.8		x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.8		x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.4		x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.2		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

Iron and TIBC

Tests	Result	Flag	Units	Reference Interval
Iron Bind.Cap.(TIBC)	280		ug/dL	250-450
UIBC ⁰¹	171		ug/dL	111-343
Iron Saturation	39		%	15-55

Ferritin, Serum

Tests	Result	Flag	Units	Reference Interval
Ferritin, Serum ⁰¹	129		ng/mL	30-400

Performing Labs

Icon Legend

▲ Out of reference range ■ Critical or Alert

Walk-In Lab