

Date Collected: **09/15/2023**

Date Received: **09/15/2023**

Date Reported: **09/24/2023**

Fasting: **Yes**

Ordered Items: **CMP14+LP+Fe+CBC/D/Plt+TSH+T...; Venipuncture**

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CMP14+LP+Fe+CBC/D/Plt+TSH+T...

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Glucose ⁰¹	88		mg/dL	70-99
Hemoglobin A1c ⁰¹	5.6		%	4.8-5.6
BUN ⁰¹	12		mg/dL	6-24
▼ Creatinine ⁰¹	0.74 Low		mg/dL	0.76-1.27
eGFR	113		mL/min/1.73	>59
BUN/Creatinine Ratio	16			9-20
Sodium ⁰¹	140		mmol/L	134-144
Potassium ⁰¹	4.2		mmol/L	3.5-5.2
Chloride ⁰¹	102		mmol/L	96-106
Carbon Dioxide, Total ⁰¹	24		mmol/L	20-29
Calcium ⁰¹	9.7		mg/dL	8.7-10.2
Protein, Total ⁰¹	7.1		g/dL	6.0-8.5
Albumin ⁰¹	4.6		g/dL	4.1-5.1
Globulin, Total	2.5		g/dL	1.5-4.5
A/G Ratio	1.8			1.2-2.2
Bilirubin, Total ⁰¹	0.6		mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	90		IU/L	44-121
AST (SGOT) ⁰¹	27		IU/L	0-40
ALT (SGPT) ⁰¹	26		IU/L	0-44
Iron Bind.Cap.(TIBC)	313		ug/dL	250-450
UIBC ⁰¹	231		ug/dL	111-343
Iron ⁰¹	82		ug/dL	38-169
Iron Saturation	26		%	15-55
Ferritin ⁰¹	201		ng/mL	30-400
Vitamin B12 ⁰¹	825		pg/mL	232-1245
Vitamin D, 25-Hydroxy ⁰¹	40.0		ng/mL	30.0-100.0
<p>Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).</p> <ol style="list-style-type: none"> 1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press. 2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30. 				
Cholesterol, Total ⁰¹	189		mg/dL	100-199
Triglycerides ⁰¹	58		mg/dL	0-149
HDL Cholesterol ⁰¹	58		mg/dL	>39

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VLDL Cholesterol Cal	11		mg/dL	5-40
▲ LDL Chol Calc (NIH)	120	High	mg/dL	0-99
TSH ⁰¹	0.981		uIU/mL	0.450-4.500
Triiodothyronine (T3), Free ⁰¹	3.4		pg/mL	2.0-4.4
T4,Free(Direct) ⁰¹	1.15		ng/dL	0.82-1.77
Thyroid Peroxidase (TPO) Ab ⁰¹	11		IU/mL	0-34
Prostate Specific Ag ⁰¹	1.4		ng/mL	0.0-4.0
<p>Roche ECLIA methodology.</p> <p>According to the American Urological Association, Serum PSA should decrease and remain at undetectable levels after radical prostatectomy. The AUA defines biochemical recurrence as an initial PSA value 0.2 ng/mL or greater followed by a subsequent confirmatory PSA value 0.2 ng/mL or greater.</p> <p>Values obtained with different assay methods or kits cannot be used interchangeably. Results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.</p>				
Reflex Criteria ⁰¹	<p>The percent free PSA is performed on a reflex basis only when the total PSA is between 4.0 and 10.0 ng/mL.</p>			
Insulin-Like Growth Factor I ⁰²	101		ng/mL	81-263
Testosterone ⁰¹	682		ng/dL	264-916
<p>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.</p>				
Free Testosterone(Direct) ⁰²	9.4		pg/mL	6.8-21.5
▲ LH⁰¹	8.9	High	mIU/mL	1.7-8.6
FSH ⁰¹	5.3		mIU/mL	1.5-12.4
DHEA-Sulfate ⁰¹	173.0		ug/dL	71.6-375.4
Sex Horm Binding Glob, Serum ⁰¹	51.7		nmol/L	16.5-55.9
▲ Estradiol⁰¹	65.4	High	pg/mL	7.6-42.6
Roche ECLIA methodology				
Insulin ⁰¹	7.2		uIU/mL	2.6-24.9
. ⁰¹				
CBC, Platelet Ct, and Diff ⁰¹				
WBC ⁰¹	7.0		x10E3/uL	3.4-10.8
RBC ⁰¹	4.49		x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	13.0		g/dL	13.0-17.7
Hematocrit ⁰¹	38.5		%	37.5-51.0
MCV ⁰¹	86		fL	79-97
MCH ⁰¹	29.0		pg	26.6-33.0
MCHC ⁰¹	33.8		g/dL	31.5-35.7
RDW ⁰¹	13.9		%	11.6-15.4
Platelets ⁰¹	317		x10E3/uL	150-450
Neutrophils ⁰¹	57		%	Not Estab.
Lymphs ⁰¹	30		%	Not Estab.
Monocytes ⁰¹	9		%	Not Estab.

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Eos ⁰¹	3	%	Not Estab.
Basos ⁰¹	1	%	Not Estab.
Neutrophils (Absolute) ⁰¹	4.0	x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	2.1	x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.6	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

Disclaimer

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

Icon Legend

▲ Out of Reference Range ■ Critical or Alert

Performing Labs

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