

Date Collected: **10/10/2023**

Date Received: **10/10/2023**

Date Reported: **10/15/2023**

Fasting: **Yes**

Ordered Items: **CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel w/ Chol/HDL Ratio; Testosterone, Free and Total; Hemoglobin A1c; DHEA-Sulfate; TSH; Estradiol; Vitamin D, 25-Hydroxy; C-Reactive Protein, Cardiac; Homocyst(e)ine; Fibrinogen Activity**

Date Collected: **10/10/2023**

CBC With Differential/Platelet

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ WBC ⁰¹	2.9	Low	3.5	04/24/2023	x10E3/uL	3.4-10.8
RBC ⁰¹	4.66		4.55	04/24/2023	x10E6/uL	3.77-5.28
Hemoglobin ⁰¹	12.3		12.3	04/24/2023	g/dL	11.1-15.9
Hematocrit ⁰¹	37.5		37.3	04/24/2023	%	34.0-46.6
MCV ⁰¹	81		82	04/24/2023	fL	79-97
▼ MCH ⁰¹	26.4	Low	27.0	04/24/2023	pg	26.6-33.0
MCHC ⁰¹	32.8		33.0	04/24/2023	g/dL	31.5-35.7
RDW ⁰¹	13.1		13.1	04/24/2023	%	11.7-15.4
Platelets ⁰¹	252		284	04/24/2023	x10E3/uL	150-450
Neutrophils ⁰¹	43		42	04/24/2023	%	Not Estab.
Lymphs ⁰¹	43		45	04/24/2023	%	Not Estab.
Monocytes ⁰¹	6		5	04/24/2023	%	Not Estab.
Eos ⁰¹	7		7	04/24/2023	%	Not Estab.
Basos ⁰¹	1		1	04/24/2023	%	Not Estab.
▼ Neutrophils (Absolute) ⁰¹	1.3	Low	1.5	04/24/2023	x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.2		1.6	04/24/2023	x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.2		0.2	04/24/2023	x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.2		0.3	04/24/2023	x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.0		0.0	04/24/2023	x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0		0	04/24/2023	%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0		0.0	04/24/2023	x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Glucose ⁰¹	88		83	04/24/2023	mg/dL	70-99
BUN ⁰¹	10		11	04/24/2023	mg/dL	8-27
Creatinine ⁰¹	0.81		0.78	04/24/2023	mg/dL	0.57-1.00
eGFR	81		85	04/24/2023	mL/min/1.73	>59
BUN/Creatinine Ratio	12		14	04/24/2023		12-28
Sodium ⁰¹	142		140	04/24/2023	mmol/L	134-144
Potassium ⁰¹	4.2		4.2	04/24/2023	mmol/L	3.5-5.2
Chloride ⁰¹	103		102	04/24/2023	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	24		25	04/24/2023	mmol/L	20-29
Calcium ⁰¹	9.2		9.5	04/24/2023	mg/dL	8.7-10.3
Protein, Total ⁰¹	6.5		6.7	04/24/2023	g/dL	6.0-8.5
Albumin ⁰¹	4.2		4.3*	04/24/2023	g/dL	3.9-4.9

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Comp. Metabolic Panel (14) (Cont.)

Globulin, Total	2.3	2.4	04/24/2023	g/dL	1.5-4.5
A/G Ratio	1.8	1.8	04/24/2023		1.2-2.2
Bilirubin, Total ⁰¹	0.3	0.2	04/24/2023	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	96	91	04/24/2023	IU/L	44-121
AST (SGOT) ⁰¹	16	16	04/24/2023	IU/L	0-40
ALT (SGPT) ⁰¹	14	13	04/24/2023	IU/L	0-32

* Previous Reference Interval: (Albumin: 3.8-4.8 g/dL)

Lipid Panel w/ Chol/HDL Ratio

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ Cholesterol, Total ⁰¹	200	High	210	04/24/2023	mg/dL	100-199
Triglycerides ⁰¹	90		113	04/24/2023	mg/dL	0-149
HDL Cholesterol ⁰¹	47		44	04/24/2023	mg/dL	>39
VLDL Cholesterol Cal	16				mg/dL	5-40
▲ LDL Chol Calc (NIH)	137	High	146	04/24/2023	mg/dL	0-99
T. Chol/HDL Ratio	4.3		4.8	04/24/2023	ratio	0.0-4.4

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, Free and Total

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Testosterone ⁰¹	41				ng/dL	3-67
Free Testosterone(Direct) ⁰¹	0.7				pg/mL	0.0-4.2

Hemoglobin A1c

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ Hemoglobin A1c ⁰¹	6.0	High			%	4.8-5.6

Please Note:⁰¹

Prediabetes: 5.7 - 6.4
Diabetes: >6.4
Glycemic control for adults with diabetes: <7.0

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DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
DHEA-Sulfate ⁰¹	44.7		ug/dL	29.4-220.5

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	2.100	3.470 04/24/2023	uIU/mL	0.450-4.500

Estradiol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Estradiol ⁰¹	21.4		pg/mL	
Adult Female: Follicular phase 12.5 - 166.0 Ovulation phase 85.8 - 498.0 Luteal phase 43.8 - 211.0 Postmenopausal <6.0 - 54.7 Pregnancy 1st trimester 215.0 - >4300.0				
Roche ECLIA methodology				

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Vitamin D, 25-Hydroxy ⁰¹	27.7 Low	32.9 04/24/2023	ng/mL	30.0-100.0
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). 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.				

C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ C-Reactive Protein, Cardiac ⁰¹	5.08 High		mg/L	0.00-3.00
Relative Risk for Future Cardiovascular Event Low <1.00 Average 1.00 - 3.00 High >3.00				

Homocyst(e)ine

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Homocyst(e)ine ⁰¹	12.0		umol/L	0.0-17.2

Date Collected: **10/10/2023****Fibrinogen Activity**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Fibrinogen Activity ⁰¹	361		mg/dL	193-507

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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