

Ordered Items: CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel With LDL/HDL Ratio; TSH+T4F+T3Free; FSH and LH; Testosterone, Free and Total; Pregnenolone, MS; PSA Total (Reflex To Free); Estrone, LCMS, Endo Sci; Ferritin; Hemoglobin A1c; Folate (Folic Acid), Serum; DHEA-Sulfate; Cortisol; Prolactin; Estradiol; IGF-1; Vitamin D, 25-Hydroxy; Lipoprotein (a); C-Reactive Protein, Cardiac; Homocyst(e)line; Uric Acid; Thyroglobulin Antibody; Vitamin B12; Progesterone; Insulin; Thyroid Peroxidase (TPO) Ab; Sex Horm Binding Glob, Serum

Date Collected: 05/19/2022

Date Received: 05/19/2022

Date Reported: 05/23/2022

Fasting: No

CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	6.0		x10E3/uL	3.4-10.8
RBC ⁰¹	5.45		x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	16.3		g/dL	13.0-17.7
Hematocrit ⁰¹	46.1		%	37.5-51.0
MCV ⁰¹	85		fL	79-97
MCH ⁰¹	29.9		pg	26.6-33.0
MCHC ⁰¹	35.4		g/dL	31.5-35.7
RDW ⁰¹	12.2		%	11.6-15.4
Platelets ⁰¹	298		x10E3/uL	150-450
Neutrophils ⁰¹	54		%	Not Estab.
Lymphs ⁰¹	32		%	Not Estab.
Monocytes ⁰¹	10		%	Not Estab.
Eos ⁰¹	3		%	Not Estab.
Basos ⁰¹	1		%	Not Estab.
Neutrophils (Absolute) ⁰¹	3.3		x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.9		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

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▽ Glucose ⁰¹	59 Low		mg/dL	65-99
BUN ⁰¹	16		mg/dL	6-20
Creatinine ⁰¹	0.92		mg/dL	0.76-1.27
eGFR	112		mL/min/1.73	>59
BUN/Creatinine Ratio	17			9-20
Sodium ⁰¹	144		mmol/L	134-144
Potassium ⁰¹	4.4		mmol/L	3.5-5.2
Chloride ⁰¹	104		mmol/L	96-106
Carbon Dioxide, Total ⁰¹	27		mmol/L	20-29
Calcium ⁰¹	10.2		mg/dL	8.7-10.2
Protein, Total ⁰¹	7.5		g/dL	6.0-8.5
Albumin ⁰¹	4.9		g/dL	4.0-5.0

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Date Created and Stored 05/25/22 1419 ET Preliminary Report Page 1 of 6

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Comp. Metabolic Panel (14) (Cont.)

Test	Current Result and Flag	Units	Reference Interval
Globulin, Total	2.6	g/dL	1.5-4.5
A/G Ratio	1.9		1.2-2.2
Bilirubin, Total ⁰¹	0.6	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	79	IU/L	44-121
AST (SGOT) ⁰¹	16	IU/L	0-40
ALT (SGPT) ⁰¹	20	IU/L	0-44

Lipid Panel With LDL/HDL Ratio

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cholesterol, Total ⁰¹	132		mg/dL	100-199
Triglycerides ⁰¹	100		mg/dL	0-149
▼ HDL Cholesterol ⁰¹	36 Low		mg/dL	>39
VLDL Cholesterol Cal	19		mg/dL	5-40
LDL Chol Calc (NIH)	77		mg/dL	0-99
LDL/HDL Ratio	2.1		ratio	0.0-3.6

Please Note:⁰¹

		LDL/HDL Ratio	
		Men	Women
1/2 Avg. Risk	1.0	1.5	
Avg. Risk	3.6	3.2	
2X Avg. Risk	6.2	5.0	
3X Avg. Risk	8.0	6.1	

TSH+T4F+T3Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	1.310		uIU/mL	0.450-4.500
Triiodothyronine (T3), Free ⁰¹	3.4		pg/mL	2.0-4.4
T4, Free(Direct) ⁰¹	1.60		ng/dL	0.82-1.77

FSH and LH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LH ⁰¹	3.4		mIU/mL	1.7-8.6
▼ FSH ⁰¹	1.4 Low		mIU/mL	1.5-12.4

Testosterone, Free and Total

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Testosterone ⁰¹	574		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.				
Free Testosterone(Direct) ⁰²	12.8		pg/mL	8.7-25.1

Pregnenolone, MS

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Pregnenolone, MS ⁰³	Will Follow			

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Date Created and Stored 05/25/22 14:19 ET Preliminary Report Page 2 of 6

PSA Total (Reflex To Free)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag ⁰¹	0.4 Roche ECLIA methodology. 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. 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.		ng/mL	0.0-4.0

Reflex Criteria⁰¹

The percent free PSA is performed on a reflex basis only when the total PSA is between 4.0 and 10.0 ng/mL.

Estrone, LCMS, Endo Sci

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Estrone, Serum, MS ⁰³	Will Follow			

Ferritin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Ferritin ⁰²	127 Reference Range: Males 24 - 336		ng/mL	

Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	5.1		%	4.8-5.6
Please Note: ⁰¹	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0			

Folate (Folic Acid), Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Folate (Folic Acid), Serum ⁰¹	16.1		ng/mL	>3.0
Note: ⁰¹	A serum folate concentration of less than 3.1 ng/mL is considered to represent clinical deficiency.			

DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
DHEA-Sulfate ⁰¹	169.0		ug/dL	138.5-475.2

Cortisol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cortisol ⁰¹	15.3		ug/dL	6.2 - 19.4
		Cortisol AM		

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Date Created and Stored 05/25/22 1419 ET Preliminary Report Page 3 of 6

Cortisol (Cont.)

Cortisol PM 2.3 - 11.9

Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin ⁰¹	7.9		ng/mL	4.0-15.2

Estradiol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Estradiol ⁰¹	20.4 Roche ECLIA methodology		pg/mL	7.6-42.6

IGF-1

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin-Like Growth Factor I ⁰²	224		ng/mL	95-290

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin D, 25-Hydroxy ⁰¹	58.3		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.

Lipoprotein (a)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Lipoprotein (a) ⁰²	17.7		nmol/L	<75.0

Note: Values greater than or equal to 75.0 nmol/L may indicate an independent risk factor for CHD, but must be evaluated with caution when applied to non-Caucasian populations due to the influence of genetic factors on Lp(a) across ethnicities.

C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Cardiac ⁰¹	0.61		mg/L	0.00-3.00

Relative Risk for Future Cardiovascular Event

Low	<1.00
Average	1.00 - 3.00
High	>3.00

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Date Created and Stored 05/25/22 1419 ET Preliminary Report Page 4 of 6

Homocyst(e)ine

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Homocyst(e)ine ⁰¹	9.5		umol/L	0.0-14.5

Uric Acid

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Uric Acid ⁰¹	7.4		mg/dL	3.8-8.4

Therapeutic target for gout patients: <6.0

Thyroglobulin Antibody

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Thyroglobulin Antibody ⁰¹	<1.0		IU/mL	0.0-0.9

Thyroglobulin Antibody measured by Beckman Coulter Methodology

Vitamin B12

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin B12 ⁰¹	770		pg/mL	232-1245

Progesterone

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Progesterone ⁰¹	0.1		ng/mL	0.0-0.5

Insulin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin ⁰¹	14.7		uIU/mL	2.6-24.9

Thyroid Peroxidase (TPO) Ab

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Thyroid Peroxidase (TPO) Ab ⁰¹	17		IU/mL	0-34

Sex Horm Binding Glob, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Sex Horm Binding Glob, Serum ⁰¹	27.0		nmol/L	16.5-55.9

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

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Date Created and Stored 05/25/22 1419 ET Preliminary Report Page 5 of 6