

Date Collected: 07/02/2024

Date Received: 07/02/2024

Date Reported: 07/19/2024

Fasting: Yes

Ordered Items: CBC with Diff, Platelet, NLR; Comp. Metabolic Panel (14); Lipid Panel With LDL/HDL Ratio; Testosterone, F Eqlib+T LC/MS; Hemoglobin A1c; Thyroxine (T4) Free, Direct; DHEA-Sulfate; TSH; Prolactin; Prostate-Specific Ag; IGF-1; Reverse T3, Serum; C-Reactive Protein, Cardiac; Estradiol, Sensitive; Insulin; Triiodothyronine (T3), Free; Sex Horm Binding Glob, Serum; Apolipoprotein B; Venipuncture; Request Problem

Date Collected: 07/02/2024

CBC with Diff, Platelet, NLR

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
WBC ⁰¹	4.3		4.9	03/18/2024	x10E3/uL	3.4-10.8
RBC ⁰¹	5.51		5.78	03/18/2024	x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	16.7		17.3	03/18/2024	g/dL	13.0-17.7
▲ Hematocrit ⁰¹	51.5	High	53.4	03/18/2024	%	37.5-51.0
MCV ⁰¹	94		92	03/18/2024	fL	79-97
MCH ⁰¹	30.3		29.9	03/18/2024	pg	26.6-33.0
MCHC ⁰¹	32.4		32.4	03/18/2024	g/dL	31.5-35.7
RDW ⁰¹	12.5		12.7	03/18/2024	%	11.6-15.4
Platelets ⁰¹	210		232	03/18/2024	x10E3/uL	150-450
Neutrophils ⁰¹	44		50	03/18/2024	%	Not Estab.
Lymphs ⁰¹	39		35	03/18/2024	%	Not Estab.
Monocytes ⁰¹	11		10	03/18/2024	%	Not Estab.
Eos ⁰¹	5		4	03/18/2024	%	Not Estab.
Basos ⁰¹	1		1	03/18/2024	%	Not Estab.
Neutrophils (Absolute) ⁰¹	1.9		2.4	03/18/2024	x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.7		1.7	03/18/2024	x10E3/uL	0.7-3.1
Neut/Lymph Ratio	1.1				ratio	0.0-2.9
Published COVID-19 studies suggest: Low likelihood of severe COVID-19 disease progression 0.0-2.9 High likelihood of severe COVID-19 disease progression >4.9						
Monocytes(Absolute) ⁰¹	0.5		0.5	03/18/2024	x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.2		0.2	03/18/2024	x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.1		0.1	03/18/2024	x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0		0	03/18/2024	%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0		0.0	03/18/2024	x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Glucose ⁰¹	85		94	03/18/2024	mg/dL	70-99
BUN ⁰¹	17		15	03/18/2024	mg/dL	6-20
Creatinine ⁰¹	1.04		1.12	03/18/2024	mg/dL	0.76-1.27
eGFR	100		92	03/18/2024	mL/min/1.73	>59
BUN/Creatinine Ratio	16		13	03/18/2024		9-20
Sodium ⁰¹	138		142	03/18/2024	mmol/L	134-144

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Comp. Metabolic Panel (14) (Cont.)

Potassium ⁰¹	4.1	4.3	03/18/2024	mmol/L	3.5-5.2
Chloride ⁰¹	100	103	03/18/2024	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	24	23	03/18/2024	mmol/L	20-29
Calcium ⁰¹	8.9	9.0	03/18/2024	mg/dL	8.7-10.2
Protein, Total ⁰¹	6.6	6.5	03/18/2024	g/dL	6.0-8.5
▼ Albumin ⁰¹	4.1	Low 4.2	03/18/2024	g/dL	4.3-5.2
Globulin, Total	2.5	2.3	03/18/2024	g/dL	1.5-4.5
Bilirubin, Total ⁰¹	0.6	0.4	03/18/2024	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	51	62	03/18/2024	IU/L	44-121
AST (SGOT) ⁰¹	33	25	03/18/2024	IU/L	0-40
ALT (SGPT) ⁰¹	29	34	03/18/2024	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	136		165	03/18/2024	mg/dL	100-199																
Triglycerides ⁰¹	77		87	03/18/2024	mg/dL	0-149																
▼ HDL Cholesterol ⁰¹	39	Low	51	03/18/2024	mg/dL	>39																
VLDL Cholesterol Cal	15		16	03/18/2024	mg/dL	5-40																
LDL Chol Calc (NIH)	82		98	03/18/2024	mg/dL	0-99																
LDL/HDL Ratio	2.1		1.9	03/18/2024	ratio	0.0-3.6																
Please Note: ⁰¹	<div>LDL/HDL Ratio</div> <table><tr><td></td><td></td><td>Men</td><td>Women</td></tr><tr><td>1/2 Avg.Risk</td><td>1.0</td><td>1.5</td></tr><tr><td>Avg.Risk</td><td>3.6</td><td>3.2</td></tr><tr><td>2X Avg.Risk</td><td>6.2</td><td>5.0</td></tr><tr><td>3X Avg.Risk</td><td>8.0</td><td>6.1</td></tr></table>								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
		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																				

Testosterone, F Eqlib+T LC/MS

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Testosterone, Total, LC/MS ^{A, 02}	1344.1	High 1148.1 04/30/2024	ng/dL	264.0-916.0
This LabCorp LC/MS-MS method is currently certified by the CDC Hormone Standardization Program (HoSt). 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.				
Testosterone, Free	Unable to calculate result since non-numeric result obtained for component test.			5.00-21.00
% Free Testosterone ⁰²	Specimen quantity insufficient for verification by repeat analysis.			1.50-4.20

Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	5.0	5.0 03/18/2024	%	4.8-5.6
Please Note: ⁰¹				

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Hemoglobin A1c (Cont.)

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

Thyroxine (T4) Free, Direct

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
T4,Free(Direct) ⁰¹	1.17	1.16 03/18/2024	ng/dL	0.82-1.77

DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ DHEA-Sulfate ⁰¹	646.0 High	320.0 03/18/2024	ug/dL	138.5-475.2

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	0.816	2.120 03/18/2024	uIU/mL	0.450-4.500

Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin ⁰¹	11.8	16.9 03/18/2024	ng/mL	3.6-31.5

Prostate-Specific Ag

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag ⁰¹	0.6	0.5 03/18/2024	ng/mL	0.0-4.0
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.				

IGF-1

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin-Like Growth Factor I ⁰²	254	347 03/18/2024	ng/mL	101-307

Reverse T3, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Reverse T3, Serum ⁰³	21.9	14.5 03/18/2024	ng/dL	
This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration. Reference Range: >15y: 9.2 - 24.1				

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C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Cardiac ⁰¹	0.81	0.40 03/18/2024	mg/L	0.00-3.00
Relative Risk for Future Cardiovascular Event				
Low			<1.00	
Average			1.00 - 3.00	
High			>3.00	

Estradiol, Sensitive

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Estradiol, Sensitive ^{A, 02}	50.3 High	38.3 04/30/2024	pg/mL	8.0-35.0
Methodology: Liquid chromatography tandem mass spectrometry(LC/MS/MS)				

Insulin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin ⁰¹	4.4	8.6 03/18/2024	uIU/mL	2.6-24.9

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Triiodothyronine (T3), Free ⁰¹	4.2	3.5 03/18/2024	pg/mL	2.0-4.4

Sex Horm Binding Glob, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Sex Horm Binding Glob, Serum ⁰¹	28.5	34.8 03/18/2024	nmol/L	16.5-55.9

Apolipoprotein B

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Apolipoprotein B ⁰⁴	68	70 04/30/2024	mg/dL	<90
				Desirable < 90
				Borderline High 90 - 99
				High 100 - 130
				Very High >130

		ASCVD RISK CATEGORY	THERAPEUTIC TARGET APO B (mg/dL)	
		Very High Risk	<80 (if extreme risk <70)	
		High Risk	<90	
		Moderate Risk	<90	

Request Problem

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Request Problem ⁰¹	Specimen quantity insufficient for verification by repeat analysis.			
		TEST: 080770 % Free Testosterone	Panel: 070038	

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

Comments
A: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

Performing Labs
01: HD - LabCorp Houston, 7207 North Gessner, Houston, TX 77040-3143 Dir: Kyle Eskue, MD
02: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD
03: ES - Esoterix Inc, 4301 Lost Hills Road, Calabasas Hills, CA 91301-5358 Dir: Brian Poirier, MD
04: DA - Labcorp Dallas, 7777 Forest Ln Bldg C350, Dallas, TX 75230-2544 Dir: CN Etufugh, MD
For Inquiries, the physician may contact Branch: 800-762-4344 Lab: 713-856-8288

Patient Details	Physician Details	Specimen Details
Anderton, Tyler	D FINK	Specimen ID: 184-363-4427-0
4004 BANISTER LN UNIT 312, AUSTIN, TX, 78704	Marek Health	Control ID: 52114082
	35 W Huron St Ste 1000, Pontiac, MI, 48342	Alternate Control Number: 52114082
Phone:	Phone: 248-496-4254	Date Collected: 07/02/2024 1010 Local
Date of Birth: 05/26/1995	Account Number: 21025370	Date Received: 07/02/2024 0000 ET
Age: 29	Physician ID: 1891814521	Date Entered: 07/02/2024 1132 ET
Sex: Male	NPI: 1891814521	Date Reported: 07/19/2024 1435 ET
Patient ID: MH59255		
Alternate Patient ID: MH59255		