

Date Collected: 07/24/2024

Date Received: 07/24/2024

Date Reported: 08/03/2024

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; Pregnenolone, MS; Hemoglobin A1c; Thyroxine (T4) Free, Direct; DHEA-Sulfate; Cortisol; TSH; Prolactin; Prostate-Specific Ag; IGF-1; C-Reactive Protein, Cardiac; Estradiol, Sensitive; Insulin; Triiodothyronine (T3), Free; Sex Horm Binding Glob, Serum; Apolipoprotein B; Venipuncture**

Date Collected: 07/24/2024

CBC with Diff, Platelet, NLR

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	6.3	18.3 10/13/2023	x10E3/uL	3.4-10.8
RBC ⁰¹	5.21	5.18 10/13/2023	x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	16.0	16.6 10/13/2023	g/dL	13.0-17.7
Hematocrit ⁰¹	47.2	46.0 10/13/2023	%	37.5-51.0
MCV ⁰¹	91	89 10/13/2023	fL	79-97
MCH ⁰¹	30.7	32.0 10/13/2023	pg	26.6-33.0
MCHC ⁰¹	33.9	36.1 10/13/2023	g/dL	31.5-35.7
RDW ⁰¹	12.6	12.7 10/13/2023	%	11.6-15.4
Platelets ⁰¹	208	286 10/13/2023	x10E3/uL	150-450
Neutrophils ⁰¹	65	76 10/13/2023	%	Not Estab.
Lymphs ⁰¹	26	16 10/13/2023	%	Not Estab.
Monocytes ⁰¹	6	6 10/13/2023	%	Not Estab.
Eos ⁰¹	2	0 10/13/2023	%	Not Estab.
Basos ⁰¹	1	0 10/13/2023	%	Not Estab.
Neutrophils (Absolute) ⁰¹	4.1	14.0 10/13/2023	x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.6	2.9 10/13/2023	x10E3/uL	0.7-3.1
Neut/Lymph Ratio	2.6		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	0.4	1.2 10/13/2023	x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.1	0.0 10/13/2023	x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.0	0.1 10/13/2023	x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0	2 10/13/2023	%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0	0.3 10/13/2023	x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Glucose ⁰¹	98	95 10/13/2023	mg/dL	70-99
▲ BUN⁰¹	22 High	29 10/13/2023	mg/dL	6-20
▲ Creatinine⁰¹	1.46 High	1.20 10/13/2023	mg/dL	0.76-1.27
eGFR	66	84 10/13/2023	mL/min/1.73	>59
BUN/Creatinine Ratio	15	24 10/13/2023		9-20
Sodium ⁰¹	139	138 10/13/2023	mmol/L	134-144

Comp. Metabolic Panel (14) (Cont.)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Potassium ⁰¹	4.4	3.8	10/13/2023	mmol/L 3.5-5.2
Chloride ⁰¹	101	97	10/13/2023	mmol/L 96-106
Carbon Dioxide, Total ⁰¹	25	27	10/13/2023	mmol/L 20-29
Calcium ⁰¹	9.7	10.3	10/13/2023	mg/dL 8.7-10.2
Protein, Total ⁰¹	6.9	7.5	10/13/2023	g/dL 6.0-8.5
Albumin ⁰¹	4.3	4.7	10/13/2023	g/dL 4.3-5.2
Globulin, Total	2.6	2.8	10/13/2023	g/dL 1.5-4.5
Bilirubin, Total ⁰¹	0.6	0.4	10/13/2023	mg/dL 0.0-1.2
Alkaline Phosphatase ⁰¹	83	92	10/13/2023	IU/L 44-121
AST (SGOT) ⁰¹	35	19	10/13/2023	IU/L 0-40
ALT (SGPT) ⁰¹	32	43	10/13/2023	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	214 High	236 10/13/2023	mg/dL	100-199
Triglycerides ⁰¹	114	168 10/13/2023	mg/dL	0-149
HDL Cholesterol ⁰¹	42	52 10/13/2023	mg/dL	>39
VLDL Cholesterol Cal	21	30 10/13/2023	mg/dL	5-40
▲ LDL Chol Calc (NIH)	151 High	154 10/13/2023	mg/dL	0-99
LDL/HDL Ratio	3.6	3.0 10/13/2023	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

Testosterone, F Eqlib+T LC/MS

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Testosterone, Total, LC/MS ^{A,02}	741.1	509.9 10/13/2023	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	20.75	13.97 10/13/2023	ng/dL	5.00-21.00
% Free Testosterone ⁰²	2.80	2.74 10/13/2023	%	1.50-4.20

Pregnenolone, MS

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Pregnenolone, MS ⁰³	31	11 10/13/2023	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: Adults: <151				

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Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	5.6	5.6 10/13/2023	%	4.8-5.6
Please Note: ⁰¹	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	1.40	1.39 10/13/2023	ng/dL	0.82-1.77

DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
DHEA-Sulfate ⁰¹	466.0	220.0 10/13/2023	ug/dL	138.5-475.2

Cortisol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cortisol ⁰¹	11.7	0.7 10/13/2023	ug/dL	6.2-19.4
Please Note:	The reference interval and flagging for this test is for an AM collection. If this is a PM collection please use: Cortisol PM: 2.3-11.9			

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	1.830	1.730 10/13/2023	uIU/mL	0.450-4.500

Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin ⁰¹	18.0	10.6* 10/13/2023	ng/mL	3.6-31.5

* Previous Reference Interval: (Prolactin: 4.0-15.2 ng/mL)

Prostate-Specific Ag

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag ⁰¹	0.8	1.0 10/13/2023	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 ⁰⁴	309 High	347 10/13/2023	ng/mL	101-307

C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Cardiac ⁰¹	0.42	1.49 10/13/2023	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}	28.1	26.7 10/13/2023	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	6.6	14.7 10/13/2023	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	3.1	2.6 10/13/2023	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	31.2	23.4 10/13/2023	nmol/L	16.5-55.9

Apolipoprotein B

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Apolipoprotein B ⁰¹	116 High	127 10/13/2023	mg/dL	<90
		Desirable	< 90	
		Borderline High	90 - 99	
		High	100 - 130	
		Very High	>130	

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

Haines, CoreyPatient ID: **MH42905**Specimen ID: **206-544-9347-0**DOB: **05/29/1995**Age: **29**Sex: **Male****Patient Report**Account Number: **21025370**Ordering Physician: **D FINK****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

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For Inquiries, the physician may contact Branch: 800-762-4344 Lab: 858-668-3700

Patient Details**Haines, Corey****8067 HUDSON DR, SAN DIEGO, CA, 92119**

Phone:

Date of Birth: **05/29/1995**Age: **29**Sex: **Male**Patient ID: **MH42905**Alternate Patient ID: **MH42905****Physician Details****D FINK****Marek Health****35 W Huron St Ste 1000, Pontiac, MI, 48342**Phone: **248-496-4254**Account Number: **21025370**Physician ID: **1891814521**NPI: **1891814521****Specimen Details**Specimen ID: **206-544-9347-0**Control ID: **52279939**Alternate Control Number: **52279939**Date Collected: **07/24/2024 0941 Local**Date Received: **07/24/2024 0000 ET**Date Entered: **07/24/2024 1849 ET**Date Reported: **08/03/2024 0335 ET**