

Date Collected: 10/02/2024

Date Received: 10/02/2024

Date Reported: 10/08/2024

Fasting: Yes

Ordered Items: TSH+Free T4; CBC with Diff, Platelet, NLR; Comp. Metabolic Panel (14); Urinalysis, Routine; Lipid Panel With LDL/HDL Ratio; Iron and TIBC; Testosterone, F Eqlib+T LC/MS; FSH and LH; Hemoglobin A1c; DHEA-Sulfate; Cortisol; Prolactin; Prostate-Specific Ag; IGF-1; Vitamin D, 25-Hydroxy; Lipoprotein (a); C-Reactive Protein, Cardiac; Estradiol, Sensitive; GGT; Progesterone; Insulin; Ferritin; Triiodothyronine (T3), Free; Sex Horm Binding Glob, Serum; Apolipoprotein B; Venipuncture

Date Collected: 10/02/2024

TSH+Free T4

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
TSH <sup>01</sup>	0.596	1.260	08/21/2024	uIU/mL	0.450-4.500
T4,Free(Direct) <sup>01</sup>	1.16	1.11	08/21/2024	ng/dL	0.82-1.77

CBC with Diff, Platelet, NLR

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
WBC <sup>01</sup>	4.4	4.3	07/02/2024	x10E3/uL	3.4-10.8
RBC <sup>01</sup>	5.53	5.51	07/02/2024	x10E6/uL	4.14-5.80
Hemoglobin <sup>01</sup>	17.0	16.7	07/02/2024	g/dL	13.0-17.7
▲ Hematocrit <sup>01</sup>	52.4 High	51.5	07/02/2024	%	37.5-51.0
MCV <sup>01</sup>	95	94	07/02/2024	fL	79-97
MCH <sup>01</sup>	30.7	30.3	07/02/2024	pg	26.6-33.0
MCHC <sup>01</sup>	32.4	32.4	07/02/2024	g/dL	31.5-35.7
RDW <sup>01</sup>	12.4	12.5	07/02/2024	%	11.6-15.4
Platelets <sup>01</sup>	208	210	07/02/2024	x10E3/uL	150-450
Neutrophils <sup>01</sup>	47	44	07/02/2024	%	Not Estab.
Lymphs <sup>01</sup>	37	39	07/02/2024	%	Not Estab.
Monocytes <sup>01</sup>	11	11	07/02/2024	%	Not Estab.
Eos <sup>01</sup>	4	5	07/02/2024	%	Not Estab.
Basos <sup>01</sup>	1	1	07/02/2024	%	Not Estab.
Neutrophils (Absolute) <sup>01</sup>	2.1	1.9	07/02/2024	x10E3/uL	1.4-7.0
Lymphs (Absolute) <sup>01</sup>	1.6	1.7	07/02/2024	x10E3/uL	0.7-3.1
Neut/Lymph Ratio	1.3	1.1	07/02/2024	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) <sup>01</sup>	0.5	0.5	07/02/2024	x10E3/uL	0.1-0.9
Eos (Absolute) <sup>01</sup>	0.2	0.2	07/02/2024	x10E3/uL	0.0-0.4
Baso (Absolute) <sup>01</sup>	0.1	0.1	07/02/2024	x10E3/uL	0.0-0.2
Immature Granulocytes <sup>01</sup>	0	0	07/02/2024	%	Not Estab.
Immature Grans (Abs) <sup>01</sup>	0.0	0.0	07/02/2024	x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Glucose <sup>01</sup>	86	85	07/02/2024	mg/dL	70-99

Date Collected: 10/02/2024

Comp. Metabolic Panel (14) (Cont.)

BUN <sup>01</sup>	17	17	07/02/2024	mg/dL	6-20	
Creatinine <sup>01</sup>	1.09	1.04	07/02/2024	mg/dL	0.76-1.27	
eGFR	94	100	07/02/2024	mL/min/1.73	>59	
BUN/Creatinine Ratio	16	16	07/02/2024		9-20	
Sodium <sup>01</sup>	139	138	07/02/2024	mmol/L	134-144	
Potassium <sup>01</sup>	4.3	4.1	07/02/2024	mmol/L	3.5-5.2	
Chloride <sup>01</sup>	102	100	07/02/2024	mmol/L	96-106	
Carbon Dioxide, Total <sup>01</sup>	23	24	07/02/2024	mmol/L	20-29	
Calcium <sup>01</sup>	9.5	8.9	07/02/2024	mg/dL	8.7-10.2	
Protein, Total <sup>01</sup>	6.9	6.6	07/02/2024	g/dL	6.0-8.5	
Albumin <sup>01</sup>	4.6	4.1	07/02/2024	g/dL	4.3-5.2	
Globulin, Total	2.3	2.5	07/02/2024	g/dL	1.5-4.5	
Bilirubin, Total <sup>01</sup>	0.7	0.6	07/02/2024	mg/dL	0.0-1.2	
▼ Alkaline Phosphatase <sup>01</sup>	43	Low	51	07/02/2024	IU/L	44-121
AST (SGOT) <sup>01</sup>	24	33	07/02/2024	IU/L	0-40	
ALT (SGPT) <sup>01</sup>	25	29	07/02/2024	IU/L	0-44	

Urinalysis, Routine

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Urinalysis Gross Exam <sup>01</sup>					
Specific Gravity <sup>01</sup>	1.005	1.009	03/18/2024		1.005-1.030
pH <sup>01</sup>	7.5	7.0	03/18/2024		5.0-7.5
Urine-Color <sup>01</sup>	Yellow	Yellow	03/18/2024		Yellow
Appearance <sup>01</sup>	Clear	Clear	03/18/2024		Clear
WBC Esterase <sup>01</sup>	Negative	Negative	03/18/2024		Negative
Protein <sup>01</sup>	Negative	Negative	03/18/2024		Negative/Trace
Glucose <sup>01</sup>	Negative	Negative	03/18/2024		Negative
Ketones <sup>01</sup>	Negative	Negative	03/18/2024		Negative
Occult Blood <sup>01</sup>	Negative	Negative	03/18/2024		Negative
Bilirubin <sup>01</sup>	Negative	Negative	03/18/2024		Negative
Urobilinogen,Semi-Qn <sup>01</sup>	0.2	0.2	03/18/2024	mg/dL	0.2-1.0
Nitrite, Urine <sup>01</sup>	Negative	Negative	03/18/2024		Negative
Microscopic Examination <sup>01</sup>	Microscopic not indicated and not performed.				

Lipid Panel With LDL/HDL Ratio

Test	Current Result and Flag	Previous Result and Date		Units	Reference Interval
Cholesterol, Total <sup>01</sup>	130	136	07/02/2024	mg/dL	100-199
Triglycerides <sup>01</sup>	78	77	07/02/2024	mg/dL	0-149
HDL Cholesterol <sup>01</sup>	41	39	07/02/2024	mg/dL	>39
VLDL Cholesterol Cal	16	15	07/02/2024	mg/dL	5-40
LDL Chol Calc (NIH)	73	82	07/02/2024	mg/dL	0-99
LDL/HDL Ratio	1.8	2.1	07/02/2024	ratio	0.0-3.6
Please Note: <sup>01</sup>					

Date Collected: 10/02/2024

Lipid Panel With LDL/HDL Ratio (Cont.)

		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

Iron and TIBC

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Iron Bind.Cap.(TIBC)	272		261	03/18/2024	ug/dL	250-450
UIBC <sup>01</sup>	117		170	03/18/2024	ug/dL	111-343
Iron <sup>01</sup>	155		91	03/18/2024	ug/dL	38-169
▲ Iron Saturation	57	High	35	03/18/2024	%	15-55

Testosterone, F Eqlib+T LC/MS

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ Testosterone, Total, LC/MS <sup>A, 02</sup>	1124.9	High	1173.8	08/21/2024	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	34.08	High	54.23	08/21/2024	ng/dL	5.00-21.00
% Free Testosterone <sup>02</sup>	3.03		4.62	08/21/2024	%	1.50-4.20

FSH and LH

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ LH <sup>01</sup>	<0.3	Low	0.3	03/18/2024	mIU/mL	1.7-8.6
▼ FSH <sup>01</sup>	<0.3	Low	<0.3	03/18/2024	mIU/mL	1.5-12.4

Hemoglobin A1c

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Hemoglobin A1c <sup>01</sup>	4.9		5.0	07/02/2024	%	4.8-5.6
Please Note: <sup>01</sup>	Prediabetes: 5.7 - 6.4 Diabetes: >6.4 Glycemic control for adults with diabetes: <7.0					

DHEA-Sulfate

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
DHEA-Sulfate <sup>01</sup>	434.0		646.0	07/02/2024	ug/dL	138.5-475.2

Cortisol

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Cortisol <sup>01</sup>	9.7		12.4	03/18/2024	ug/dL	6.2-19.4
Please Note: The reference interval and flagging for						

Date Collected: 10/02/2024

Cortisol (Cont.)

this test is for an AM collection. If this is a PM collection please use: Cortisol PM: 2.3-11.9

Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin <sup>01</sup>	11.4	11.8 07/02/2024	ng/mL	3.6-31.5

Prostate-Specific Ag

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag <sup>01</sup>	0.5	0.6 07/02/2024	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 <sup>02</sup>	309 High	254 07/02/2024	ng/mL	101-307

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Vitamin D, 25-Hydroxy <sup>01</sup>	105.0 High	77.9 03/18/2024	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) <sup>02</sup>	32.1	28.2 03/18/2024	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.				

Date Collected: 10/02/2024

C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Cardiac <sup>01</sup>	0.28	0.81 07/02/2024	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 <sup>A, 02</sup>	37.2 High	50.3 07/02/2024	pg/mL	8.0-35.0
Methodology: Liquid chromatography tandem mass spectrometry(LC/MS/MS)				

GGT

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
GGT <sup>01</sup>	23	24 03/18/2024	IU/L	0-65

Progesterone

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Progesterone <sup>01</sup>	0.2	0.3 03/18/2024	ng/mL	0.0-0.5

Insulin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin <sup>01</sup>	8.1	4.4 07/02/2024	uIU/mL	2.6-24.9

Ferritin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Ferritin <sup>01</sup>	86	83 03/18/2024	ng/mL	30-400

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Triiodothyronine (T3), Free <sup>01</sup>	3.4	2.9 08/21/2024	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 <sup>01</sup>	31.1	28.5 07/02/2024	nmol/L	16.5-55.9

Apolipoprotein B

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Apolipoprotein B <sup>03</sup>	61	68 07/02/2024	mg/dL	<90
Desirable			< 90	
Borderline High			90 - 99	
High			100 - 130	
Very High			>130	
-----				

Date Collected: 10/02/2024

Apolipoprotein B (Cont.)

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

**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: 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

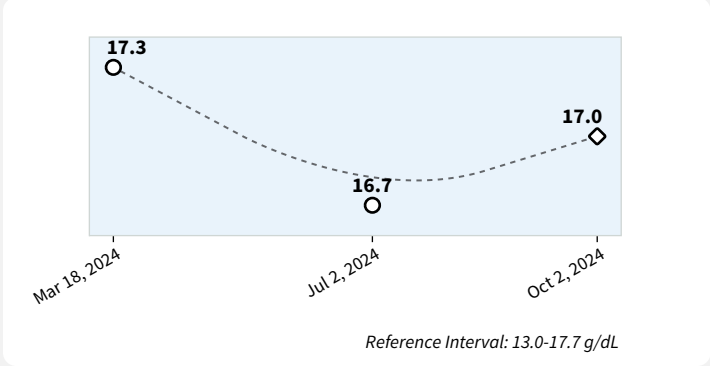
Patient Details	Physician Details	Specimen Details
<b>Anderton, Tyler</b> 4004 BANISTER LN UNIT 312, AUSTIN, TX, 78704	<b>D FINK</b> Marek Health 35 W Huron St Ste 1000, Pontiac, MI, 48342	Specimen ID: 276-363-4999-0 Control ID: 53101512 Alternate Control Number: 53101512 Date Collected: 10/02/2024 1009 Local Date Received: 10/02/2024 0000 ET Date Entered: 10/02/2024 1358 ET Date Reported: 10/08/2024 1035 ET
Phone: Date of Birth: 05/26/1995 Age: 29 Sex: Male Patient ID: MH59255 Alternate Patient ID: MH59255	Phone: 877-572-2582 Account Number: 21025370 Physician ID: 1891814521 NPI: 1891814521	

Historical Results & Insights

Labcorp offers historical lab results data with easy-to-interpret visualizations to provide a more complete picture of a patient’s lab history and improve patient care.

Hemoglobin

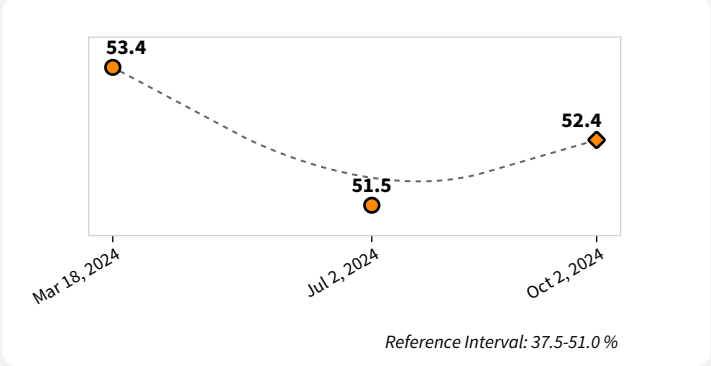
◇ Current Result: 17.0 g/dL



Hematocrit

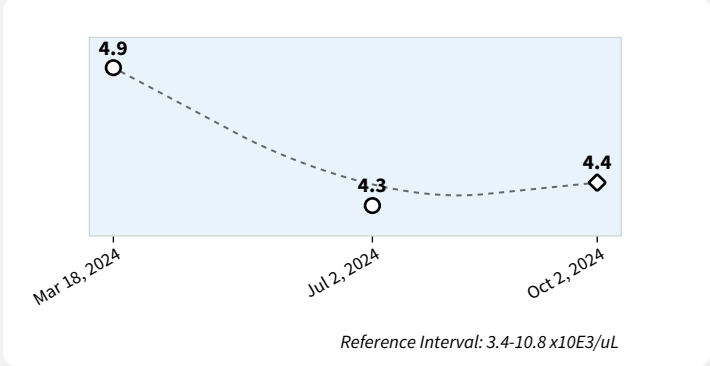
◇ Current Result: 52.4 %

HIGH



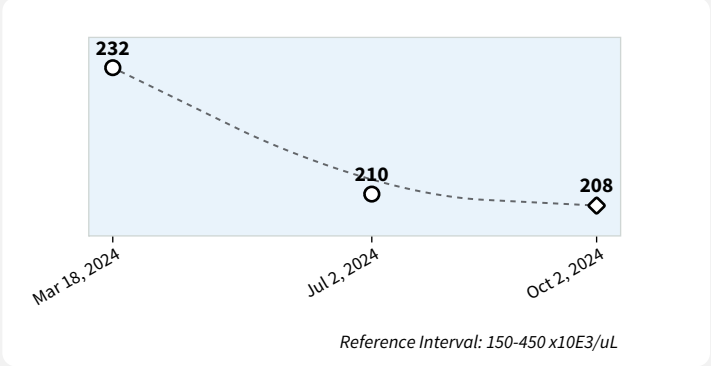
WBC

◇ Current Result: 4.4 x10E3/uL



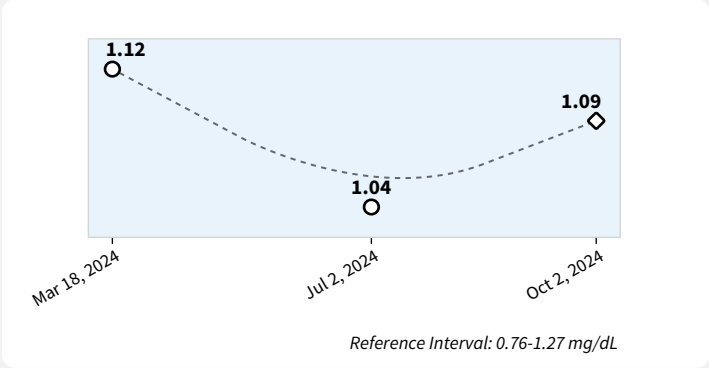
Platelets

◇ Current Result: 208 x10E3/uL



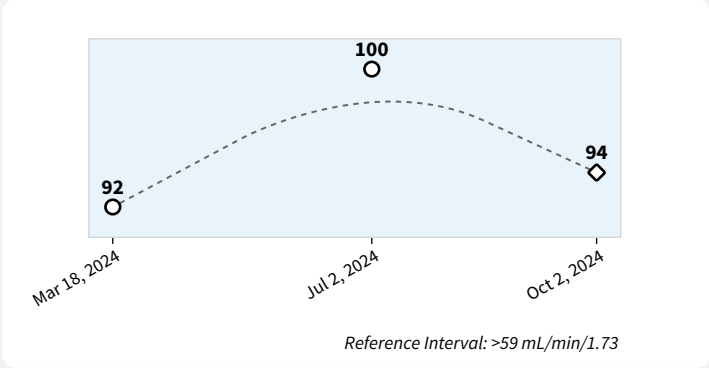
Creatinine

◇ Current Result: 1.09 mg/dL



eGFR

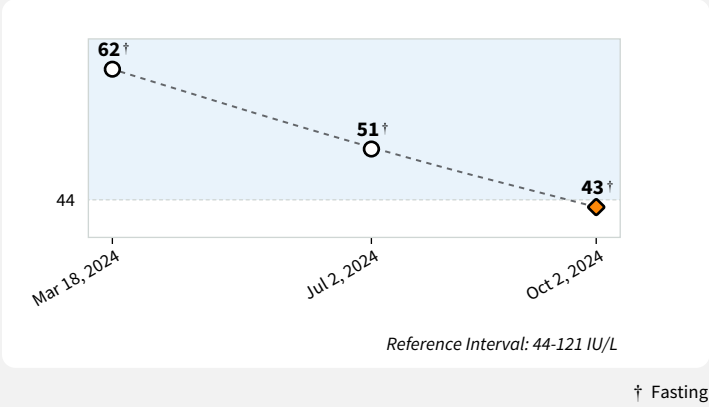
◇ Current Result: 94 mL/min/1.73



Alkaline Phosphatase

◇ Current Result: 43 IU/L

LOW



Cardiovascular Tests

Date	Total Chol.	TG	HDL-C	VLDL	LDL-C	hs-CRP
10/02/2024†	130	78	41	16	73	0.28
07/02/2024†	136	77	39	15	82	0.81
03/18/2024†	165	87	51	16	98	0.40
Ref. Interval	100-199	0-149	>39	5-40	0-99	0.00-3.00
Units	mg/dL	mg/dL	mg/dL	mg/dL	mg/dL	mg/L

† Fasting