

DOB: 08/24/1990

Patient Report



Age: 33

Account Number: 43007680

Sex: Male

Ordering Physician: M Bell

Date Collected: 08/30/2023

Date Received: 08/30/2023

Date Reported: 09/07/2023

Fasting: No

Ordered Items: **CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; Testosterone, Free and Total; PSA Total (Reflex To Free); Hemoglobin A1c; Thyroxine (T4) Free, Direct; DHEA-Sulfate; TSH; Prolactin; Estradiol; Vitamin D, 25-Hydroxy; Lipoprotein (a); C-Reactive Protein, Cardiac; Homocyst(e)ine; Vitamin B12; Insulin; Thyroid Peroxidase (TPO) Ab; Triiodothyronine (T3), Free**

Date Collected: 08/30/2023

CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ WBC ⁰¹	10.9 High	6.9 09/09/2022	x10E3/uL	3.4-10.8
RBC ⁰¹	5.66	5.72 09/09/2022	x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	17.0	16.9 09/09/2022	g/dL	13.0-17.7
▲ Hematocrit ⁰¹	51.2 High	49.3 09/09/2022	%	37.5-51.0
MCV ⁰¹	91	86 09/09/2022	fL	79-97
MCH ⁰¹	30.0	29.5 09/09/2022	pg	26.6-33.0
MCHC ⁰¹	33.2	34.3 09/09/2022	g/dL	31.5-35.7
RDW ⁰¹	13.1	13.3 09/09/2022	%	11.6-15.4
Platelets ⁰¹	299	259 09/09/2022	x10E3/uL	150-450
Neutrophils ⁰¹	73	63 09/09/2022	%	Not Estab.
Lymphs ⁰¹	17	26 09/09/2022	%	Not Estab.
Monocytes ⁰¹	7	8 09/09/2022	%	Not Estab.
Eos ⁰¹	2	2 09/09/2022	%	Not Estab.
Basos ⁰¹	1	1 09/09/2022	%	Not Estab.
▲ Neutrophils (Absolute) ⁰¹	8.0 High	4.4 09/09/2022	x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	1.9	1.8 09/09/2022	x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.8	0.5 09/09/2022	x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.2	0.2 09/09/2022	x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.1	0.1 09/09/2022	x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0	0 09/09/2022	%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0	0.0 09/09/2022	x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Glucose ⁰¹	89	89* 09/09/2022	mg/dL	70-99
BUN ⁰¹	13	14 09/09/2022	mg/dL	6-20
Creatinine ⁰¹	1.16	1.02 09/09/2022	mg/dL	0.76-1.27
eGFR	85	100 09/09/2022	mL/min/1.73	>59
BUN/Creatinine Ratio	11	14 09/09/2022		9-20
Sodium ⁰¹	139	139 09/09/2022	mmol/L	134-144
Potassium ⁰¹	4.3	4.5 09/09/2022	mmol/L	3.5-5.2
Chloride ⁰¹	101	100 09/09/2022	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	23	24 09/09/2022	mmol/L	20-29
Calcium ⁰¹	9.5	9.3 09/09/2022	mg/dL	8.7-10.2
Protein, Total ⁰¹	7.7	7.2 09/09/2022	g/dL	6.0-8.5
Albumin ⁰¹	4.9	4.9* 09/09/2022	g/dL	4.1-5.1



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Ordering Physician: M Bell

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Comp. Metabolic Panel (14) (Cont.)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Globulin, Total	2.8	2.3 09/09/2022	g/dL	1.5-4.5
A/G Ratio	1.8	2.1 09/09/2022		1.2-2.2
Bilirubin, Total ⁰¹	0.6	0.6 09/09/2022	mg/dL	0.0-1.2
▼ Alkaline Phosphatase ⁰¹	43 Low	56 09/09/2022	IU/L	44-121
AST (SGOT) ⁰¹	37	26 09/09/2022	IU/L	0-40
ALT (SGPT) ⁰¹	35	33 09/09/2022	IU/L	0-44

* Previous Reference Intervals: (Glucose: 65-99 mg/dL), (Albumin: 4.0-5.0 g/dL)

Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cholesterol, Total ⁰¹	196	205 05/18/2023	mg/dL	100-199
Triglycerides ⁰¹	112	239 05/18/2023	mg/dL	0-149
▼ HDL Cholesterol ⁰¹	25 Low	29 05/18/2023	mg/dL	>39
VLDL Cholesterol Cal	21	43 05/18/2023	mg/dL	5-40
▲ LDL Chol Calc (NIH)	150 High	133 05/18/2023	mg/dL	0-99

Testosterone, Free and Total

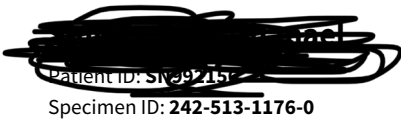
Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Testosterone ⁰¹	>1500 High	1010 05/18/2023	ng/dL	264-916
Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.				
▲ Free Testosterone(Direct) ⁰²	40.1 High	29.8 05/18/2023	pg/mL	8.7-25.1

PSA Total (Reflex To Free)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag ⁰¹	0.8	0.8 09/09/2022	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.				
Reflex Criteria ⁰¹	The percent free PSA is performed on a reflex basis only when the total PSA is between 4.0 and 10.0 ng/mL.			

Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	5.5	5.6 09/09/2022	%	4.8-5.6
Please Note: ⁰¹	Prediabetes: 5.7 - 6.4 Diabetes: >6.4			



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Hemoglobin A1c (Cont.)

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	1.31	1.34 05/18/2023	ng/dL	0.82-1.77

DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
DHEA-Sulfate ⁰¹	295.0	192.0 09/09/2022	ug/dL	138.5-475.2

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	0.854	1.040 05/18/2023	uIU/mL	0.450-4.500

Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin ⁰¹	11.3	13.3 11/17/2021	ng/mL	4.0-15.2

Estradiol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Estradiol ⁰¹	53.6 High	66.6 05/18/2023	pg/mL	7.6-42.6

Roche ECLIA methodology

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin D, 25-Hydroxy ⁰¹	31.8	42.5 09/09/2022	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).

- IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.
- 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.

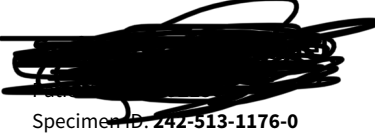
Lipoprotein (a)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Lipoprotein (a) ⁰²	<8.4	8.9 09/09/2022	nmol/L	<75.0

Results verified by repeat testing
 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



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Lipoprotein (a) (Cont.)

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	4.45 High	1.24 09/09/2022	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	12.9	16.7 05/18/2023	umol/L	0.0-14.5

Vitamin B12

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin B12 ⁰¹	647	525 05/18/2023	pg/mL	232-1245

Insulin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin ⁰¹	3.0	11.6 09/09/2022	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	9	11 09/09/2022	IU/mL	0-34

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Triiodothyronine (T3), Free ⁰¹	3.6	3.5 05/18/2023	pg/mL	2.0-4.4

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

01: PDLCA - Labcorp Phoenix 5005 S 40th Street Ste 1200, Phoenix, AZ, 85040-2969 Dir: Earle Collum, MD

02: BN - Labcorp Burlington 1447 York Court, Burlington, NC, 27215-3361 Dir: Sanjai Nagendra, MD

For Inquiries, the physician may contact Branch: 801-288-9000 Lab: 800-788-9743



[Redacted]
Patient ID: SN992156
Specimen ID: 242-513-1176-0

DOB: 08/24/1990
Age: 33
Sex: Male

Patient Report
Account Number: 43007680
Ordering Physician: M Bell



Physician: [Redacted]
[Redacted]

Patient ID: SN992156
Specimen ID: 242-513-1176-0

DOB: 08/24/1990

Age: 33
Sex: Male

Patient Report

Account Number: 43007680
Ordering Physician: M Bell

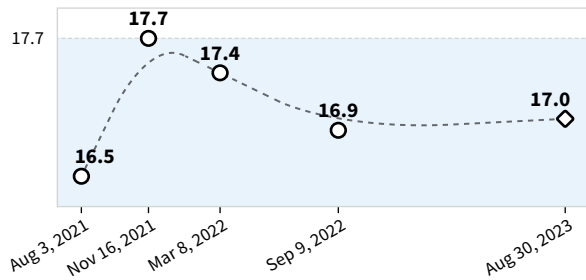


Historical Results & Insights

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

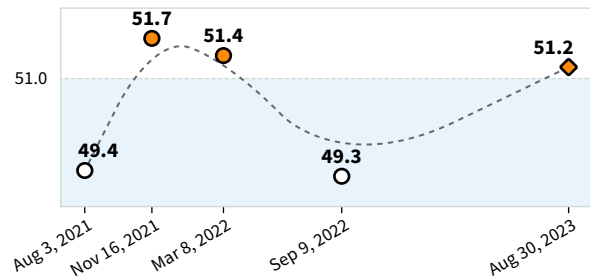


Reference Interval: 13.0-17.7 g/dL

Hematocrit

◇ Current Result: 51.2 %

HIGH

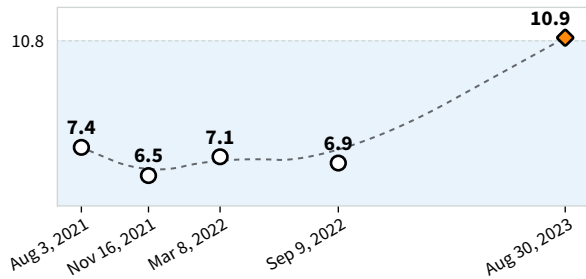


Reference Interval: 37.5-51.0 %

WBC

◇ Current Result: 10.9 $\times 10^3/\mu\text{L}$

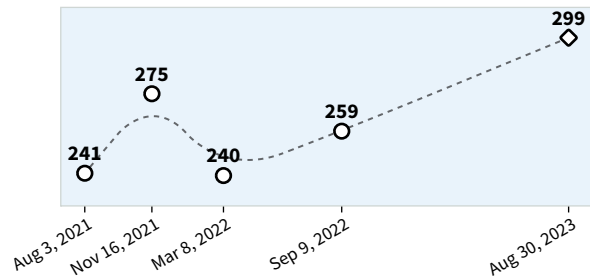
HIGH



Reference Interval: 3.4-10.8 $\times 10^3/\mu\text{L}$

Platelets

◇ Current Result: 299 $\times 10^3/\mu\text{L}$



Reference Interval: 150-450 $\times 10^3/\mu\text{L}$

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Account Number: 43007680

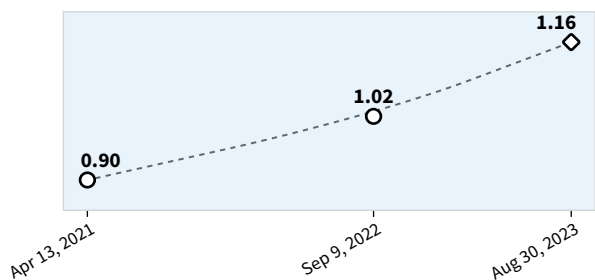
Sex: Male

Ordering Physician: M Bell

Specimen ID: 242-513-1176-0

Creatinine

◇ Current Result: 1.16 mg/dL

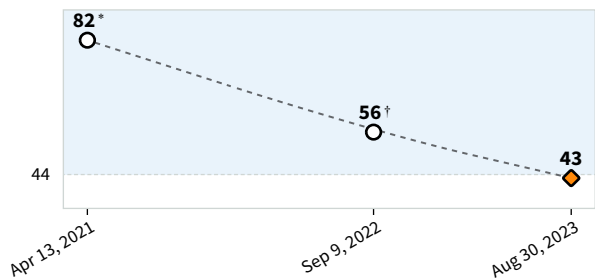


Reference Interval: 0.76-1.27 mg/dL

Alkaline Phosphatase

◇ Current Result: 43 IU/L

LOW



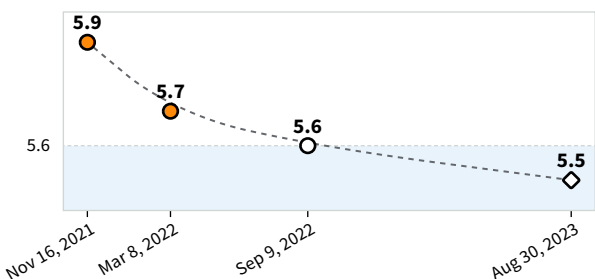
Reference Interval: 44-121 IU/L

* Previous Reference Interval: (Apr 13, 2021: 39-117 IU/L).

† Fasting

HbA1c

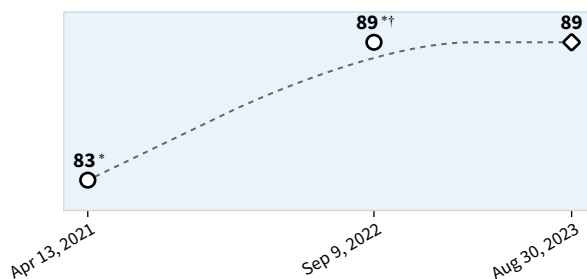
◇ Current Result: 5.5 %



Reference Interval: 4.8-5.6 %

Glucose

◇ Current Result: 89 mg/dL



Reference Interval: 70-99 mg/dL

* Previous Reference Intervals: (Sep 9, 2022: 65-99 mg/dL), (Apr 13, 2021: 65-99 mg/dL). † Fasting

[Redacted]

DOB: **08/24/1990**

Patient Report



Age: **33**

Account Number: **43007680**

Sex: **Male**

Ordering Physician: **M Bell**

Specimen ID: **242-513-1178-0**

Cardiovascular Tests

Date	Total Chol.	TG	HDL-C	VLDL	LDL-C	hs-CRP
08/30/2023	196	112	25	21	150	4.45
05/18/2023	205	239	29	43	133	
09/09/2022†	211	148	44	27	140	1.24
04/13/2021	209	295	47	51	111	1.01
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