

Visbal, Alex D

Patient ID:

Specimen ID: **041-216-2384-0**DOB: **01/03/1995**Age: **28**Sex: **Male****Patient Report**Account Number: **34069190**Ordering Physician: **J MENDELSON**

Ordered Items: **FSH+LH+E2; TSH+T4F+T3Free; CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; Testosterone,Free and Total; Hemoglobin A1c; DHEA-Sulfate; Cortisol; Prostate-Specific Ag; Vitamin D, 25-Hydroxy; C-Reactive Protein, Cardiac; Insulin; Estrogens, Total; Thyroid Peroxidase (TPO) Ab; Sex Horm Binding Glob, Serum; Venipuncture**

Date Collected: **02/10/2023**Date Received: **02/10/2023**Date Reported: **02/17/2023**Fasting: **Yes****General Comments & Additional Information**

Clinical Info: MORNING BLOOD DRAW

FSH+LH+E2

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LH ⁰¹	3.1		mIU/mL	1.7-8.6
FSH ⁰¹	2.0		mIU/mL	1.5-12.4
Estradiol ⁰¹	29.6 Roche ECLIA methodology		pg/mL	7.6-42.6

TSH+T4F+T3Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	3.860		uIU/mL	0.450-4.500
Triiodothyronine (T3), Free ⁰¹	3.3		pg/mL	2.0-4.4
T4,Free(Direct) ⁰¹	1.64		ng/dL	0.82-1.77

CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	6.1		x10E3/uL	3.4-10.8
RBC ⁰¹	4.99		x10E6/uL	4.14-5.80
Hemoglobin ⁰¹	15.3		g/dL	13.0-17.7
Hematocrit ⁰¹	44.5		%	37.5-51.0
MCV ⁰¹	89		fL	79-97
MCH ⁰¹	30.7		pg	26.6-33.0
MCHC ⁰¹	34.4		g/dL	31.5-35.7
RDW ⁰¹	12.4		%	11.6-15.4
Platelets ⁰¹	226		x10E3/uL	150-450
Neutrophils ⁰¹	47		%	Not Estab.
Lymphs ⁰¹	42		%	Not Estab.
Monocytes ⁰¹	9		%	Not Estab.
Eos ⁰¹	1		%	Not Estab.
Basos ⁰¹	1		%	Not Estab.
Neutrophils (Absolute) ⁰¹	2.9		x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	2.5		x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.5		x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.1		x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.0		x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0		%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0		x10E3/uL	0.0-0.1

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Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Glucose ⁰¹	89	76*	04/05/2021	mg/dL 70-99
BUN ⁰¹	17	8	04/05/2021	mg/dL 6-20
Creatinine ⁰¹	1.07	0.95	04/05/2021	mg/dL 0.76-1.27
eGFR	97		mL/min/1.73	>59
BUN/Creatinine Ratio	16	8	04/05/2021	9-20
Sodium ⁰¹	140	141	04/05/2021	mmol/L 134-144
Potassium ⁰¹	4.2	4.2	04/05/2021	mmol/L 3.5-5.2
Chloride ⁰¹	100	99	04/05/2021	mmol/L 96-106
Carbon Dioxide, Total ⁰¹	25	25	04/05/2021	mmol/L 20-29
Calcium ⁰¹	9.5	9.7	04/05/2021	mg/dL 8.7-10.2
Protein, Total ⁰¹	7.0	7.2	04/05/2021	g/dL 6.0-8.5
Albumin ⁰¹	4.7	4.8	04/05/2021	g/dL 4.1-5.2
Globulin, Total	2.3	2.4	04/05/2021	g/dL 1.5-4.5
A/G Ratio	2.0	2.0	04/05/2021	1.2-2.2
Bilirubin, Total ⁰¹	0.7	0.8	04/05/2021	mg/dL 0.0-1.2
Alkaline Phosphatase ⁰¹	116	72*	04/05/2021	IU/L 44-121
AST (SGOT) ⁰¹	32	37	04/05/2021	IU/L 0-40
ALT (SGPT) ⁰¹	19	23	04/05/2021	IU/L 0-44

* Previous Reference Intervals: (Glucose: 65-99 mg/dL), (Alkaline Phosphatase: 39-117 IU/L)

Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cholesterol, Total ⁰¹	177	188	04/05/2021	mg/dL 100-199
Triglycerides ⁰¹	60	58	04/05/2021	mg/dL 0-149
HDL Cholesterol ⁰¹	55	46	04/05/2021	mg/dL >39
VLDL Cholesterol Cal	12	11	04/05/2021	mg/dL 5-40
▲ LDL Chol Calc (NIH)	110	High	131	04/05/2021 mg/dL 0-99

Testosterone, Free and Total

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Testosterone ⁰¹	349		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	10.7		pg/mL	9.3-26.5

Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Hemoglobin A1c ⁰¹	5.2		%	4.8-5.6
Please Note:		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 ⁰¹	255.0		ug/dL	138.5-475.2

Cortisol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cortisol ⁰¹	13.4	Cortisol AM Cortisol PM	ug/dL	6.2 - 19.4 2.3 - 11.9

Prostate-Specific Ag

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag ⁰¹	1.4		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.

Vitamin D, 25-Hydroxy

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Vitamin D, 25-Hydroxy ⁰¹	63.1		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.

C-Reactive Protein, Cardiac

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
C-Reactive Protein, Cardiac ⁰¹	0.39		mg/L	0.00-3.00

Relative Risk for Future Cardiovascular Event

Low	<1.00
Average	1.00 - 3.00
High	>3.00

Insulin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Insulin ⁰¹	3.1		uIU/mL	2.6-24.9

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Specimen ID: **041-216-2384-0**DOB: **01/03/1995**Age: **28**Sex: **Male****Patient Report**Account Number: **34069190**Ordering Physician: **J MENDELSOH****Estrogens, Total**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Estrogens, Total ⁰²	66	Prepubertal	pg/mL <40	56-213

Thyroid Peroxidase (TPO) Ab

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Thyroid Peroxidase (TPO) Ab ⁰¹	<9		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	29.9		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

Performing Labs

01: TA - Labcorp Tampa 5610 W LaSalle Street, Tampa, FL, 33607-1770 Dir: Sean Farrier, MD

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

For Inquiries, the physician may contact Branch: 513-206-1600 Lab: 800-877-5227

Patient Details**Visbal, Alex D****949 GEORGIA AVE APT B, PALM HARBOR, FL, 34683**Phone: **678-665-9558**Date of Birth: **01/03/1995**Age: **28**Sex: **Male**

Patient ID:

Alternate Patient ID:

Physician Details**J MENDELSOH****Advanced Vitality HRT****3805 Edwards Road Suite 100, Cincinnati, OH, 45208**Phone: **513-351-3223**Account Number: **34069190**

Physician ID:

NPI: **1194874149****Specimen Details**Specimen ID: **041-216-2384-0**Control ID: **L2300891330**Alternate Control Number: **L2300891330**Date Collected: **02/10/2023 0753 Local**Date Received: **02/10/2023 0000 ET**Date Entered: **02/10/2023 1219 ET**Date Reported: **02/17/2023 1608 ET**Rte: **00**