

Date Collected: **07/08/2024**

Date Received: **07/09/2024**

Date Reported: **07/16/2024**

Fasting: **Yes**

Ordered Items: **CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; Dihydrotestosterone; Reverse T3, Serum; Estradiol, Sensitive; DHEA-Sulfate; Prolactin; Testosterone; Thyroxine (T4) Free, Direct; TSH; Thyroxine (T4); T3 Uptake; Triiodothyronine (T3); TgAb+Thyroglobulin,IMA or RIA; Thyroid Peroxidase (TPO) Ab; Sex Horm Binding Glob, Serum**

## General Comments & Additional Information

A courtesy copy of this report has been sent to 8134457340.

Date Collected: **07/08/2024**

## CBC With Differential/Platelet

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ <b>WBC</b> <sup>01</sup>	<b>3.1</b>	<b>Low</b>	<b>3.0</b>	04/01/2024	x10E3/uL	3.4-10.8
RBC <sup>01</sup>	5.42		5.21	04/01/2024	x10E6/uL	4.14-5.80
Hemoglobin <sup>01</sup>	15.5		15.0	04/01/2024	g/dL	13.0-17.7
Hematocrit <sup>01</sup>	47.3		45.3	04/01/2024	%	37.5-51.0
MCV <sup>01</sup>	87		87	04/01/2024	fL	79-97
MCH <sup>01</sup>	28.6		28.8	04/01/2024	pg	26.6-33.0
MCHC <sup>01</sup>	32.8		33.1	04/01/2024	g/dL	31.5-35.7
RDW <sup>01</sup>	12.5		12.6	04/01/2024	%	11.6-15.4
Platelets <sup>01</sup>	220		192	04/01/2024	x10E3/uL	150-450
Neutrophils <sup>01</sup>	46		46	04/01/2024	%	Not Estab.
Lymphs <sup>01</sup>	39		42	04/01/2024	%	Not Estab.
Monocytes <sup>01</sup>	11		9	04/01/2024	%	Not Estab.
Eos <sup>01</sup>	3		2	04/01/2024	%	Not Estab.
Basos <sup>01</sup>	1		1	04/01/2024	%	Not Estab.
Neutrophils (Absolute) <sup>01</sup>	1.5		1.4	04/01/2024	x10E3/uL	1.4-7.0
Lymphs (Absolute) <sup>01</sup>	1.2		1.3	04/01/2024	x10E3/uL	0.7-3.1
Monocytes(Absolute) <sup>01</sup>	0.4		0.3	04/01/2024	x10E3/uL	0.1-0.9
Eos (Absolute) <sup>01</sup>	0.1		0.1	04/01/2024	x10E3/uL	0.0-0.4
Baso (Absolute) <sup>01</sup>	0.0		0.0	04/01/2024	x10E3/uL	0.0-0.2
Immature Granulocytes <sup>01</sup>	0		0	04/01/2024	%	Not Estab.
Immature Grans (Abs) <sup>01</sup>	0.0		0.0	04/01/2024	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>	82		88	04/01/2024	mg/dL	70-99
BUN <sup>01</sup>	19		<b>22*</b>	04/01/2024	mg/dL	6-24
Creatinine <sup>01</sup>	1.06		1.01	04/01/2024	mg/dL	0.76-1.27
eGFR	91		97	04/01/2024	mL/min/1.73	>59
BUN/Creatinine Ratio	18		<b>22</b>	04/01/2024		9-20
Sodium <sup>01</sup>	141		140	04/01/2024	mmol/L	134-144
Potassium <sup>01</sup>	4.2		4.9	04/01/2024	mmol/L	3.5-5.2
Chloride <sup>01</sup>	104		104	04/01/2024	mmol/L	96-106

Comp. Metabolic Panel (14) (Cont.)

Carbon Dioxide, Total <sup>01</sup>	24	28	04/01/2024	mmol/L	20-29	
Calcium <sup>01</sup>	9.4	9.4	04/01/2024	mg/dL	8.7-10.2	
Protein, Total <sup>01</sup>	6.7	6.5	04/01/2024	g/dL	6.0-8.5	
Albumin <sup>01</sup>	4.4	4.4	04/01/2024	g/dL	4.1-5.1	
Globulin, Total	2.3	2.1	04/01/2024	g/dL	1.5-4.5	
Bilirubin, Total <sup>01</sup>	0.4	0.4	04/01/2024	mg/dL	0.0-1.2	
Alkaline Phosphatase <sup>01</sup>	52	77	04/01/2024	IU/L	44-121	
AST (SGOT) <sup>01</sup>	40	23	04/01/2024	IU/L	0-40	
▲ ALT (SGPT) <sup>01</sup>	46	High	17	04/01/2024	IU/L	0-44

\* Previous Reference Interval: (BUN: 6-20 mg/dL)

Lipid Panel

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Cholesterol, Total <sup>01</sup>	146		141	04/01/2024	mg/dL	100-199
Triglycerides <sup>01</sup>	77		70	04/01/2024	mg/dL	0-149
▼ HDL Cholesterol <sup>01</sup>	39	Low	48	04/01/2024	mg/dL	>39
VLDL Cholesterol Cal	15		14	04/01/2024	mg/dL	5-40
LDL Chol Calc (NIH)	92		79	04/01/2024	mg/dL	0-99

Dihydrotestosterone

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▼ Dihydrotestosterone <sup>02</sup>	19	Low	55	04/01/2024	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: Adult Male: 30 - 85						

Reverse T3, Serum

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Reverse T3, Serum <sup>A, 03</sup>	17.8	20.1      04/09/2024	ng/dL	9.2-24.1

Estradiol, Sensitive

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Estradiol, Sensitive <sup>A, 03</sup>	11.9	19.6      12/18/2023	pg/mL	8.0-35.0
Methodology: Liquid chromatography tandem mass spectrometry(LC/MS/MS)				

DHEA-Sulfate

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
DHEA-Sulfate <sup>01</sup>	198.0	157.0      04/01/2024	ug/dL	102.6-416.3

Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin <sup>01</sup>	12.7	9.2      04/01/2024	ng/mL	3.9-22.7

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## Testosterone

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ <b>Testosterone</b> <sup>01</sup>	<b>1208 High</b>	660 04/09/2024	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.				

## Thyroxine (T4) Free, Direct

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
T4,Free(Direct) <sup>01</sup>	1.63	1.46 04/01/2024	ng/dL	0.82-1.77

## TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH <sup>01</sup>	1.600	0.540 04/01/2024	uIU/mL	0.450-4.500

## Thyroxine (T4)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Thyroxine (T4) <sup>01</sup>	6.3	6.3 04/01/2024	ug/dL	4.5-12.0

## T3 Uptake

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
T3 Uptake <sup>01</sup>	34	39 08/28/2023	%	24-39
Free Thyroxine Index	2.1	2.3 08/28/2023		1.2-4.9

## Triiodothyronine (T3)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Triiodothyronine (T3) <sup>01</sup>	98	73 04/01/2024	ng/dL	71-180

## TgAb+Thyroglobulin,IMA or RIA

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Thyroglobulin Antibody <sup>01</sup>	<1.0	<1.0 04/09/2024	IU/mL	0.0-0.9
Thyroglobulin Antibody measured by Beckman Coulter Methodology It should be noted that the presence of thyroglobulin antibodies may not be pathogenic nor diagnostic, especially at very low levels. The assay manufacturer has found that four percent of individuals without evidence of thyroid disease or autoimmunity will have positive TgAb levels up to 4 IU/mL.				
Thyroglobulin by IMA <sup>01</sup>	9.0		ng/mL	1.4-29.2
Comment: <sup>01</sup>	According to the National Academy of Clinical Biochemistry, the reference interval for Thyroglobulin (TG) should be related to euthyroid patients and not for patients who underwent thyroidectomy. TG reference intervals for these patients depend on the residual mass of the thyroid tissue left after surgery. Establishing a post-operative baseline is recommended. The assay limit of quantitation is 0.1 ng/mL Thyroglobulin measured by Beckman Coulter Immunometric Assay			

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## Thyroid Peroxidase (TPO) Ab

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Thyroid Peroxidase (TPO) Ab <sup>01</sup>	<9	<9 04/01/2024	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 <sup>01</sup>	26.7	41.9 04/01/2024	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

### 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

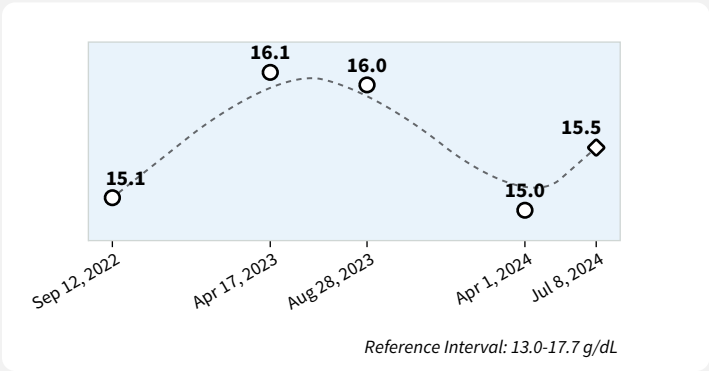
01: TA - Labcorp Tampa, 5610 W LaSalle Street, Tampa, FL 33607-1770 Dir: Sean Farrier, MD  
02: ES - Esoterix Inc, 4301 Lost Hills Road, Calabasas Hills, CA 91301-5358 Dir: Brian Poirier, MD  
03: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD  
For Inquiries, the physician may contact Branch: 800-877-5227 Lab: 800-877-5227

## 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.

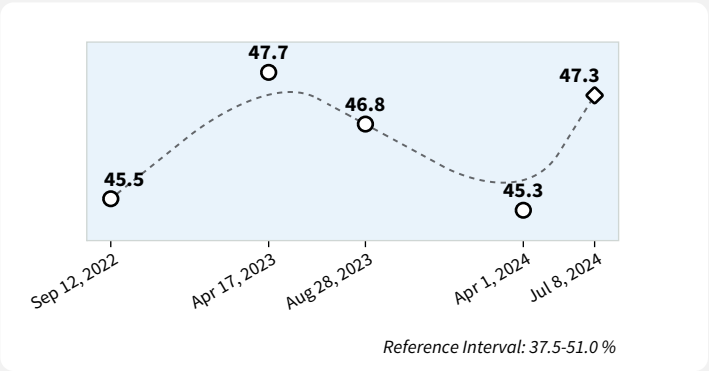
### Hemoglobin

◇ Current Result: 15.5 g/dL



### Hematocrit

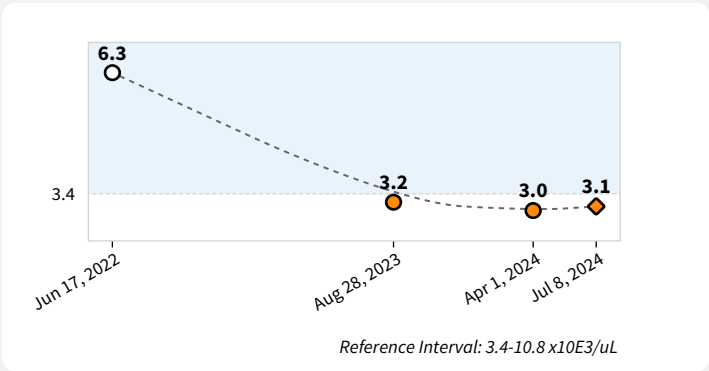
◇ Current Result: 47.3 %



### WBC

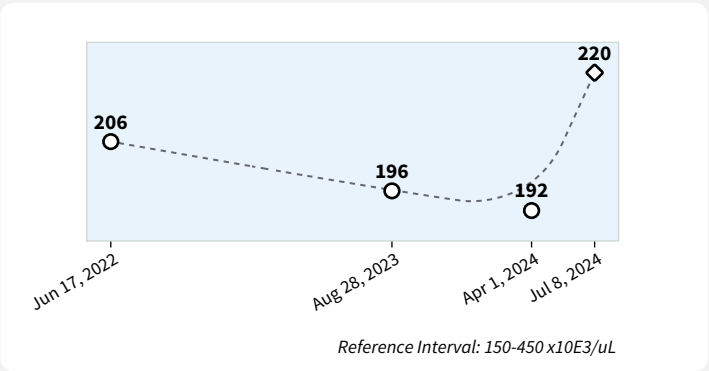
◇ Current Result: 3.1 x10E3/uL

LOW



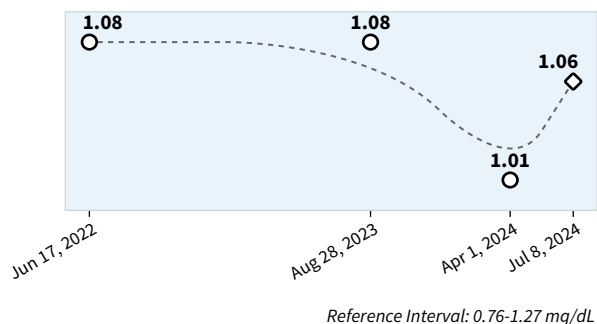
### Platelets

◇ Current Result: 220 x10E3/uL



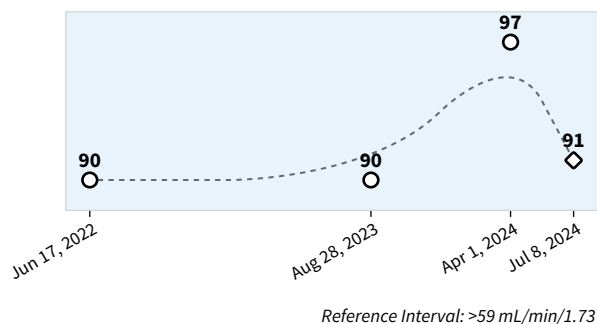
## Creatinine

◇ Current Result: 1.06 mg/dL



## eGFR

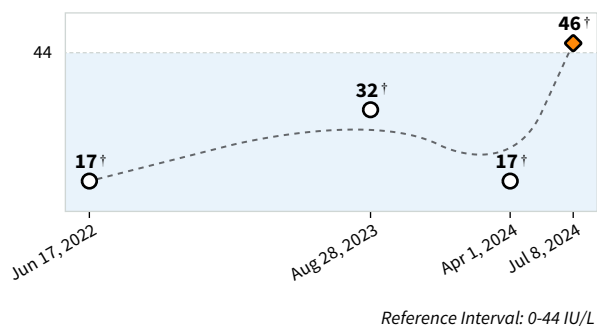
◇ Current Result: 91 mL/min/1.73



## ALT (SGPT)

◇ Current Result: 46 IU/L

HIGH



† Fasting

## Cardiovascular Tests

Date	Total Chol.	TG	HDL-C	VLDL	LDL-C
07/08/2024†	146	77	39	15	92
04/01/2024†	141	70	48	14	79
08/28/2023†	134	66	45	14	75
06/17/2022†	156	47	61	10	85
Ref. Interval	100-199	0-149	>39	5-40	0-99
Units	mg/dL	mg/dL	mg/dL	mg/dL	mg/dL

† Fasting