

DOB: **10/21/1977**

**Patient Report**



Patient ID:  
Specimen ID: **133-646-6856-0**

Age: **44**  
Sex: **Male**

Account Number: **32424580**  
Ordering Physician:

**Ordered Items: TSH+Free T4; CBC with Diff, Platelet, NLR; Lipid Panel w/ Chol/HDL Ratio; Hepatic Function Panel (7); Testosterone, Free and Total; Luteinizing Hormone(LH); Prolactin; Estradiol; Mitochondrial (M2) Antibody; Prostate-Specific Ag; Reverse T3, Serum; Vitamin D, 25-Hydroxy; Thyroglobulin Antibody; Ferritin; Thyroid Peroxidase (TPO) Ab; Triiodothyronine (T3), Free; Drawing Fee**

Date Collected: <b>05/13/2022</b>	Date Received: <b>05/13/2022</b>	Date Reported: <b>05/20/2022</b>	Fasting: <b>No</b>
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**TSH+Free T4**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH <sup>01</sup>	1.960		uIU/mL	0.450-4.500
T4,Free(Direct) <sup>01</sup>	1.25		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>	5.0		x10E3/uL	3.4-10.8
RBC <sup>01</sup>	5.02		x10E6/uL	4.14-5.80
Hemoglobin <sup>01</sup>	14.8		g/dL	13.0-17.7
Hematocrit <sup>01</sup>	44.3		%	37.5-51.0
MCV <sup>01</sup>	88		fL	79-97
MCH <sup>01</sup>	29.5		pg	26.6-33.0
MCHC <sup>01</sup>	33.4		g/dL	31.5-35.7
RDW <sup>01</sup>	13.0		%	11.6-15.4
Platelets <sup>01</sup>	280		x10E3/uL	150-450
Neutrophils <sup>01</sup>	38		%	Not Estab.
Lymphs <sup>01</sup>	46		%	Not Estab.
Monocytes <sup>01</sup>	12		%	Not Estab.
Eos <sup>01</sup>	3		%	Not Estab.
Basos <sup>01</sup>	1		%	Not Estab.
Neutrophils (Absolute) <sup>01</sup>	1.9		x10E3/uL	1.4-7.0
Lymphs (Absolute) <sup>01</sup>	2.3		x10E3/uL	0.7-3.1
Neut/Lymph Ratio	0.8		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>	0.6		x10E3/uL	0.1-0.9
Eos (Absolute) <sup>01</sup>	0.1		x10E3/uL	0.0-0.4
Baso (Absolute) <sup>01</sup>	0.0		x10E3/uL	0.0-0.2
Immature Granulocytes <sup>01</sup>	0		%	Not Estab.
Immature Grans (Abs) <sup>01</sup>	0.0		x10E3/uL	0.0-0.1

**Lipid Panel w/ Chol/HDL Ratio**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Cholesterol, Total <sup>01</sup>	285 High		mg/dL	100-199
Triglycerides <sup>01</sup>	94		mg/dL	0-149



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## Lipid Panel w/ Chol/HDL Ratio (Cont.)

HDL Cholesterol <sup>01</sup>	47		mg/dL	>39
VLDL Cholesterol Cal	16		mg/dL	5-40
▲ LDL Chol Calc (NIH)	222	High	mg/dL	0-99
▲ T. Chol/HDL Ratio	6.1	High	ratio	0.0-5.0

Please Note:<sup>01</sup>

	T. Chol/HDL Ratio	
	Men	Women
1/2 Avg. Risk	3.4	3.3
Avg. Risk	5.0	4.4
2X Avg. Risk	9.6	7.1
3X Avg. Risk	23.4	11.0

## Hepatic Function Panel (7)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Protein, Total <sup>01</sup>	7.8		g/dL	6.0-8.5
▲ Albumin <sup>01</sup>	5.2	High	g/dL	4.0-5.0
Bilirubin, Total <sup>01</sup>	0.2		mg/dL	0.0-1.2
Bilirubin, Direct <sup>01</sup>	<0.10		mg/dL	0.00-0.40
Alkaline Phosphatase <sup>01</sup>	64		IU/L	44-121
AST (SGOT) <sup>01</sup>	20		IU/L	0-40
ALT (SGPT) <sup>01</sup>	21		IU/L	0-44

## Testosterone, Free and Total

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Testosterone <sup>01</sup>	261	Low	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) <sup>01</sup>	7.0		pg/mL	6.8-21.5

## Luteinizing Hormone(LH)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LH <sup>01</sup>	4.4		mIU/mL	1.7-8.6

## Prolactin

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prolactin <sup>01</sup>	10.4		ng/mL	4.0-15.2

## Estradiol

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Estradiol <sup>01</sup>	<5.0	Low	pg/mL	7.6-42.6
Roche ECLIA methodology				

## Mitochondrial (M2) Antibody

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Mitochondrial (M2) Antibody <sup>01</sup>	<20.0		Units	0.0-20.0

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## Patient Report

Patient ID:  
Specimen ID: 133-646-6856-0Age: 44  
Sex: MaleAccount Number: 32424580  
Ordering Physician: [REDACTED]**Mitochondrial (M2) Antibody (Cont.)**Negative 0.0 - 20.0  
Equivocal 20.1 - 24.9  
Positive >24.9

Mitochondrial (M2) Antibodies are found in 90-96% of patients with primary biliary cirrhosis.

**Prostate-Specific Ag**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Prostate Specific Ag <sup>01</sup>	1.4		ng/mL	0.0-4.0
<p>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.</p>				

**Reverse T3, Serum**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Reverse T3, Serum <sup>A,01</sup>	15.3		ng/dL	9.2-24.1

**Vitamin D, 25-Hydroxy**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Vitamin D, 25-Hydroxy <sup>01</sup>	23.5 Low		ng/mL	30.0-100.0
<p>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).</p> <ol style="list-style-type: none"> <li>1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.</li> <li>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.</li> </ol>				

**Thyroglobulin Antibody**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Thyroglobulin Antibody <sup>01</sup>	10.4 High		IU/mL	0.0-0.9
Thyroglobulin Antibody measured by Beckman Coulter Methodology				

**Ferritin**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▼ Ferritin <sup>01</sup>	24 Low		ng/mL	30-400

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Specimen ID: 133-646-6856-0

Age: 44  
Sex: Male

Account Number: 32424580  
Ordering Physician: [REDACTED]

Thyroid Peroxidase (TPO) Ab

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
<b>Thyroid Peroxidase (TPO)</b>				
▲ Ab <sup>01</sup>	41 High		IU/mL	0-34

Triiodothyronine (T3), Free

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
<b>Triiodothyronine (T3), Free<sup>01</sup></b>	3.4		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

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: BN - Labcorp Burlington 1447 York Court, Burlington, NC, 27215-3361 Dir: Sanjai Nagendra, MD  
For Inquiries, the physician may contact Branch: 800-762-4344 Lab: 800-762-4344

Patient Details

[REDACTED]  
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Phone:  
Date of Birth: 10/21/1977  
Age: 44  
Sex: Male  
Patient ID:  
Alternate Patient ID:

Physician Details

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Phone: 919-977-3231  
Account Number: 32424580  
Physician ID:  
NPI: 1962589374

Specimen Details

Specimen ID: 133-646-6856-0  
Control ID: L2201191650  
Alternate Control Number: L2201191650  
Date Collected: 05/13/2022 1230 Local  
Date Received: 05/13/2022 0000 ET  
Date Entered: 05/13/2022 1503 ET  
Date Reported: 05/20/2022 1135 ET  
Rte: 11