

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

DOB: 10/21/1977

Age: 44  
Sex: Male

## Patient Report

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: 05/13/2022

Date Received: 05/13/2022

Date Reported: 05/20/2022

Fasting: No

### 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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Ordering Physician: [REDACTED]



### 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 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.		ng/dL	264-916
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 Roche ECLIA methodology		pg/mL	7.6-42.6

### 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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### 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 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.		ng/mL	0.0-4.0

### 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 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.		ng/mL	30.0-100.0

### Thyroglobulin Antibody

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

### 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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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
Triiodothyronine (T3), Free <sup>01</sup>	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]  
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

