

**Patient Details**

Age(y/m/d): 035/06/14  
Gender: M SSN:  
Patient ID:

**Specimen Details**

Date collected: 02/07/2019 0938 Local  
Date received: 02/07/2019  
Date entered: 02/07/2019  
Date reported: 02/09/2019 2008 ET

**Physician Details**

Ordering: A UPTON  
Referring:  
ID:  
NPI: 1063719573

**General Comments & Additional Information**

Total Volume: Not Provided

Fasting: No

**Ordered Items**

CMP14+CBC/D/Plt+T4+TSH+PSA+...; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
<b>CMP14+CBC/D/Plt+T4+TSH+PSA+...</b>					
Chemistries					01
Glucose	73		mg/dL	65 - 99	01
BUN	13		mg/dL	6 - 20	01
Creatinine	1.15		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	82		mL/min/1.73	>59	
eGFR If Africn Am	95		mL/min/1.73	>59	
BUN/Creatinine Ratio	11			9 - 20	
<b>Sodium</b>	<b>146</b>	<b>High</b>	mmol/L	134 - 144	01
Potassium	3.9		mmol/L	3.5 - 5.2	01
Chloride	105		mmol/L	96 - 106	01
Carbon Dioxide, Total	21		mmol/L	20 - 29	01
Calcium	9.0		mg/dL	8.7 - 10.2	01
Protein, Total	6.7		g/dL	6.0 - 8.5	01
Albumin	4.1		g/dL	3.5 - 5.5	01
Globulin, Total	2.6		g/dL	1.5 - 4.5	
A/G Ratio	1.6			1.2 - 2.2	
Bilirubin, Total	0.5		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase	81		IU/L	39 - 117	01
AST (SGOT)	27		IU/L	0 - 40	01
ALT (SGPT)	25		IU/L	0 - 44	01
Vitamin D, 25-Hydroxy	35.9		ng/mL	30.0 - 100.0	01

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

Patient ID:

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
guideline. JCEM. 2011 Jul; 96(7):1911-30.					
Thyroid					01
TSH	0.892		uIU/mL	0.450 - 4.500	01
Thyroxine (T4)	8.7		ug/dL	4.5 - 12.0	01
Triiodothyronine (T3), Free	3.6		pg/mL	2.0 - 4.4	01
Thyroid Peroxidase (TPO) Ab	24		IU/mL	0 - 34	01
Immunoassay					01
Prostate Specific Ag, Serum	1.1		ng/mL	0.0 - 4.0	01
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.					
Testosterone, Serum	297		ng/dL	264 - 916	01
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.					
<b>Free Testosterone (Direct)</b>	<b>5.2</b>	<b>Low</b>	pg/mL	8.7 - 25.1	02
Estradiol	24.9		pg/mL	7.6 - 42.6	01
Roche ECLIA methodology					
CBC, Platelet Ct, and Diff					01
WBC	6.0		x10E3/uL	3.4 - 10.8	01
RBC	4.63		x10E6/uL	4.14 - 5.80	01
<b>Hemoglobin</b>	<b>12.8</b>	<b>Low</b>	g/dL	13.0 - 17.7	01
Hematocrit	40.6		%	37.5 - 51.0	01
MCV	88		fL	79 - 97	01
MCH	27.6		pg	26.6 - 33.0	01
MCHC	31.5		g/dL	31.5 - 35.7	01
RDW	14.6		%	12.3 - 15.4	01
Platelets	190		x10E3/uL	150 - 379	01
Neutrophils	62		%	Not Estab.	01
Lymphs	24		%	Not Estab.	01
Monocytes	9		%	Not Estab.	01
Eos	4		%	Not Estab.	01
Basos	1		%	Not Estab.	01
Neutrophils (Absolute)	3.7		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	1.5		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.6		x10E3/uL	0.1 - 0.9	01

Patient ID: [REDACTED]

TESTS	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
Eos (Absolute)	0.3		x10E3/uL	0.0 - 0.4		01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2		01
Immature Granulocytes	0		%	Not Estab.		01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1		01

01	DA	LabCorp Dallas 7777 Forest Ln Bldg C350, Dallas, TX 75230-2544	Dir: CN Etufugh, MD
02	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: Sanjai Nagendra, MD

For inquiries, the physician may contact **Branch: 800-753-3415 Lab: 972-598-6000**



**Patient Report**

Rte: 99

**Specimen Details**

Date collected: 02/11/2019 0956 Local  
Date received: 02/12/2019  
Date entered: 02/12/2019  
Date reported: 02/13/2019 0847 ET

**Physician Details**

Ordering: A UPTON  
Referring:  
ID:  
NPI: 1063719573

Age(y/m/d): 035/06/18  
Gender: M SSN:  
Patient ID:

**General Comments & Additional Information**

Total Volume: Not Provided

Fasting: No

**Ordered Items**

Testosterone, Serum; Venipuncture; Amy Upton FNP-BC

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Testosterone, Serum	428		ng/dL	264 - 916	01
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.					

01 DA LabCorp Dallas  
7777 Forest Ln Bldg C350, Dallas, TX 75230-2544

Dir: CN Etufugh, MD

For inquiries, the physician may contact Branch: 800-753-3415 Lab: 972-598-6000

Labcorp

Phone:

Fax:

Chart Patient Name

Patient ID

DOB (m/d/y)

Age

Sex

Reported Date/Time

Patient Phone

Second Phone

## Comments

50221910660^LAB: Comp. Metabolic Panel (14), Estradiol, Testosterone, Free, Direct, Testosterone, Serum

## Order ID / Tests / Diagnoses

Collect Date &amp; Time

3/27/2019 9:46 am

Date of Service

3/27/2019 12:00 am

Status Change Date

3/29/2019 4:10am

Status

FINAL

Signed 04/01/2019

AMY

## Diagnostic Test / Results

## Results

## Out of Range

## Flag

## Units

## Range

## Site

## Stat

## Comp. Metabolic Panel (14) [Final]

## Notes

Fasting - No

Glucose

83

mg/dL

65-99

01

F

BUN

11

mg/dL

6-20

01

F

Creatinine

0.97

mg/dL

0.76-1.27

01

F

eGFR If NonAfricn Am

101

mL/min/1.73

&gt;59

01

F

eGFR If Africn Am

116

mL/min/1.73

&gt;59

01

F

BUN/Creatinine Ratio

11

9-20

01

F

Sodium

139

mmol/L

134-144

01

F

Potassium

4.5

mmol/L

3.5-5.2

01

F

Chloride

106

mmol/L

96-106

01

F

Carbon Dioxide, Total

23

mmol/L

20-29

01

F

Calcium

9.3

mg/dL

8.7-10.2

01

F

Protein, Total

6.2

g/dL

6.0-8.5

01

F

Albumin

4.2

g/dL

3.5-5.5

01

F

Globulin, Total

2.0

g/dL

1.5-4.5

01

F

A/G Ratio

2.1

1.2-2.2

01

F

Bilirubin, Total

0.3

mg/dL

0.0-1.2

01

F

Alkaline Phosphatase

89

IU/L

39-117

01

F

AST (SGOT)

18

IU/L

0-40

01

F

ALT (SGPT)

25

IU/L

0-44

01

F

## Testosterone, Serum [Final]

Testosterone, Serum

664

ng/dL

264-916

01

F

## Notes

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.

## Estradiol [Final]

Estradiol

53.0

H

pg/mL

7.6-42.6

01

F

## Notes

Roche ECLIA methodology

## Testosterone, Free, Direct [Final]

Free Testosterone(Direct)

11.3

pg/mL

8.7-25.1

02

F

## Tests Performed at Labs / Sites

01

LabCorp Dallas 7777 Forest Ln Bldg C350 Dallas, TX 752302544 - Etufugh CN, MD - 9725986000

02

LabCorp Burlington 1447 York Court Burlington, NC 272153361 - Nagendra Sanjai, MD - 8007624344

Flag Legend: Flag Legend: L (Below Low Normal) H (Above High Normal) LL (Alert Low) HH (Alert High) &lt; (Panic Low) &gt; (Panic High) A (Abnormal) AA (Critical Abnormal)

Lab Patient Name:

SSN:

Client: