



Specimen ID: 166-174-0559-0

Acct #: 09357925

Phone: (813) 445-7342

Rte: 00

Control ID: 20093207043

Defy Medical, LLC  
4809 N. Armenia Ave. Ste 220  
Tampa FL 33603

## Specimen Details

Date collected: 06/15/2017 0801 Local

Date received: 06/15/2017

Date entered: 06/15/2017

Date reported: 06/22/2017 0710 ET

## Physician Details

Ordering: J SAYA

Referring:

ID:

NPI: 1093940041

## General Comments &amp; Additional Information

Total Volume: Not Provided

Fasting: Yes

## Ordered Items

CBC/Diff Ambiguous Default; Comp. Metabolic Panel (14); Testosterone, Free and Total; Hemoglobin A1c; Thyroxine (T4) Free, Direct, S; DHEA-Sulfate; TSH; Prolactin; Prostate-Specific Ag, Serum; IGF-1; Reverse T3, Serum; D-Dimer; Estradiol, Sensitive; Thyroglobulin Antibody; Ferritin, Serum; Thyroid Peroxidase (TPO) Ab; Triiodothyronine, Free, Serum; Sex Horm Binding Glob, Serum; Ambig Abbrev CMP14 Default; Drawing Fee; Non LCA Req

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
<b>CBC/Diff Ambiguous Default</b>					
WBC	3.6		x10E3/uL	3.4 - 10.8	01
RBC	5.49		x10E6/uL	4.14 - 5.80	01
Hemoglobin	16.8		g/dL	12.6 - 17.7	01
Hematocrit	49.3		%	37.5 - 51.0	01
MCV	90		fL	79 - 97	01
MCH	30.6		pg	26.6 - 33.0	01
MCHC	34.1		g/dL	31.5 - 35.7	01
RDW	14.2		%	12.3 - 15.4	01
Platelets	194		x10E3/uL	150 - 379	01
Neutrophils	46		%		01
Lymphs	44		%		01
Monocytes	9		%		01
Eos	1		%		01
Basos	0		%		01
Neutrophils (Absolute)	1.7		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	1.6		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.3		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.0		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%		01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
<b>Comp. Metabolic Panel (14)</b>					
Glucose, Serum	85		mg/dL	65 - 99	01
Specimen received in contact with cells. No visible hemolysis present. However GLUC may be decreased and K increased. Clinical correlation indicated.					
BUN	20		mg/dL	6 - 24	01

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Creatinine, Serum	1.15		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	76		mL/min/1.73	>59	
eGFR If Africn Am	88		mL/min/1.73	>59	
BUN/Creatinine Ratio	17			9 - 20	
Sodium, Serum	141		mmol/L	134 - 144	01
Potassium, Serum	4.5		mmol/L	3.5 - 5.2	01
Chloride, Serum	97		mmol/L	96 - 106	01
Carbon Dioxide, Total	24		mmol/L	18 - 29	01
Calcium, Serum	9.3		mg/dL	8.7 - 10.2	01
Protein, Total, Serum	6.9		g/dL	6.0 - 8.5	01
Albumin, Serum	4.8		g/dL	3.5 - 5.5	01
Globulin, Total	2.1		g/dL	1.5 - 4.5	
<b>A/G Ratio</b>	<b>2.3</b>	<b>High</b>		1.2 - 2.2	
<b>Bilirubin, Total</b>	<b>1.8</b>	<b>High</b>	mg/dL	0.0 - 1.2	01
Alkaline Phosphatase, S	54		IU/L	39 - 117	01
<b>AST (SGOT)</b>	<b>41</b>	<b>High</b>	IU/L	0 - 40	01
ALT (SGPT)	24		IU/L	0 - 44	01

**Testosterone, Free and Total**

Testosterone, Serum	1086		ng/dL	348 - 1197	01
**Effective July 17, 2017 the reference interval for** Testosterone, Serum Males >18 years old will be changing to: Adult Males: 264 - 916					

**Comment:**

Adult male reference interval is based on a population of lean males up to 40 years old.

<b>Free Testosterone (Direct)</b>	<b>28.1</b>	<b>High</b>	pg/mL	6.8 - 21.5	01
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**Hemoglobin A1c**

Hemoglobin A1c	5.5		%	4.8 - 5.6	01
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**Please Note:**

Pre-diabetes: 5.7 - 6.4

Diabetes: >6.4

Glycemic control for adults with diabetes: <7.0

**Thyroxine (T4) Free, Direct, S**

T4, Free (Direct)	1.25		ng/dL	0.82 - 1.77	01
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**DHEA-Sulfate**

275.9		ug/dL	71.6 - 375.4	01
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<b>TSH</b>	2.490		uIU/mL	0.450 - 4.500	01
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<b>Prolactin</b>	11.2		ng/mL	4.0 - 15.2	01
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**Prostate-Specific Ag, Serum**

Prostate Specific Ag, Serum	0.6		ng/mL	0.0 - 4.0	01
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<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>					
<b>IGF-1</b>					
Insulin-Like Growth Factor I	244	High	ng/mL	75 - 216	01
Reverse T3, Serum	27.0	High	ng/dL	9.2 - 24.1	01
D-Dimer	<0.20		mg/L FEU	0.00 - 0.49	01
<p>According to the assay manufacturer's published package insert, a normal (&lt;0.50 mg/L FEU) D-dimer result in conjunction with a non-high clinical probability assessment, excludes deep vein thrombosis (DVT) and pulmonary embolism (PE) with high sensitivity. D-dimer values increase with age and this can make VTE exclusion of an older population difficult. To address this, the American College of Physicians, based on best available evidence and recent guidelines, recommends that clinicians use age-adjusted D-dimer thresholds in patients greater than 50 years of age with: a) a low probability of PE who do not meet all Pulmonary Embolism Rule Out Criteria, or b) in those with intermediate probability of PE. The formula for an age-adjusted D-dimer cut-off is "age/100". For example, a 60 year old patient would have an age-adjusted cut-off of 0.60 mg/L FEU and an 80 year old 0.80 mg/L FEU.</p>					
Estradiol, Sensitive	41.4	High	pg/mL	8.0 - 35.0	01
<p>This test was developed and its performance characteristics determined by LabCorp. It has not been cleared by the Food and Drug Administration. Methodology: Liquid chromatography tandem mass spectrometry(LC/MS/MS)</p>					
Thyroglobulin Antibody	<1.0		IU/mL	0.0 - 0.9	01
Thyroglobulin Antibody measured by Beckman Coulter Methodology					
Ferritin, Serum	111		ng/mL	30 - 400	01
Thyroid Peroxidase (TPO) Ab	40	High	IU/mL	0 - 34	01
Triiodothyronine, Free, Serum	3.1		pg/mL	2.0 - 4.4	01
Sex Horm Binding Glob, Serum	34.4		nmol/L	16.5 - 55.9	01
Ambig Abbrev CMP14 Default					01
A hand-written panel/profile was received from your office. In					

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accordance with the LabCorp Ambiguous Test Code Policy dated July 2003, we have completed your order by using the closest currently or formerly recognized AMA panel. We have assigned Comprehensive Metabolic Panel (14), Test Code #322000 to this request. If this is not the testing you wished to receive on this specimen, please contact the LabCorp Client Inquiry/Technical Services Department to clarify the test order. We appreciate your business.

01	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: William F Hancock, MD
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For inquiries, the physician may contact **Branch: 800-877-5227 Lab: 800-762-4344**