

**Specimen ID:** 304-504-6042-0  
**Control ID:** B0065993963

**Acct #:** **Phone:** (813) 445-7342 **Rte:** 00

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


**Patient Details**

**DOB:**  
**Age(y/m/d):** 059/  
**Gender:** M **SSN:**  
**Patient ID:**

**Specimen Details**

**Date collected:** 10/31/2017 1122 Local  
**Date received:** 10/31/2017  
**Date entered:** 10/31/2017  
**Date reported:** 11/08/2017 0920 ET

**Physician Details**

**Ordering:** J SAYA  
**Referring:**  
**ID:** 12040542  
**NPI:** 1093940041

**General Comments & Additional Information**

**Alternate Control Number:** B0065993963  
**Total Volume:** Not Provided

**Alternate Patient ID:** Not Provided  
**Fasting:** No

**Ordered Items**

CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel w/ Chol/HDL Ratio; Iron and TIBC; Testosterone, Free and Total; Hemoglobin A1c; Thyroxine (T4) Free, Direct, S; Prostate-Specific Ag, Serum; Reverse T3, Serum; C-Reactive Protein, Cardiac; Estradiol, Sensitive; Homocyst(e)ine, Plasma; Creatine Kinase, Total, Serum; Insulin; Ferritin, Serum; Triiodothyronine, Free, Serum; PTH, Intact; Venipuncture; Cardiovascular Report

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
<b>CBC With Differential/Platelet</b>					
WBC	5.4		x10E3/uL	3.4 - 10.8	01
RBC	4.67		x10E6/uL	4.14 - 5.80	01
Hemoglobin	15.3		g/dL	12.6 - 17.7	01
Hematocrit	45.5		%	37.5 - 51.0	01
MCV	97		fL	79 - 97	01
MCH	32.8		pg	26.6 - 33.0	01
MCHC	33.6		g/dL	31.5 - 35.7	01
RDW	14.7		%	12.3 - 15.4	01
Platelets	193		x10E3/uL	150 - 379	01
Neutrophils	60		%	Not Estab.	01
Lymphs	28		%	Not Estab.	01
Monocytes	6		%	Not Estab.	01
Eos	5		%	Not Estab.	01
Basos	1		%	Not Estab.	01
Neutrophils (Absolute)	3.2		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	1.5		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.3		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.2		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.1		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
<b>Comp. Metabolic Panel (14)</b>					
Glucose, Serum	97		mg/dL	65 - 99	01
BUN	22		mg/dL	6 - 24	01
Creatinine, Serum	0.97		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	85		mL/min/1.73	>59	

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eGFR If Africn Am	98		mL/min/1.73		>59	
<b>BUN/Creatinine Ratio</b>	<b>23</b>	<b>High</b>		9 - 20		
Sodium, Serum	140		mmol/L	134 - 144		01
Potassium, Serum	4.7		mmol/L	3.5 - 5.2		01
Chloride, Serum	100		mmol/L	96 - 106		01
Carbon Dioxide, Total	26		mmol/L	18 - 29		01
Calcium, Serum	10.1		mg/dL	8.7 - 10.2		01
Protein, Total, Serum	7.1		g/dL	6.0 - 8.5		01
Albumin, Serum	4.9		g/dL	3.5 - 5.5		01
Globulin, Total	2.2		g/dL	1.5 - 4.5		
A/G Ratio	2.2			1.2 - 2.2		
Bilirubin, Total	0.4		mg/dL	0.0 - 1.2		01
Alkaline Phosphatase, S	47		IU/L	39 - 117		01
AST (SGOT)	26		IU/L	0 - 40		01
ALT (SGPT)	27		IU/L	0 - 44		01

#### Lipid Panel w/ Chol/HDL Ratio

<b>Cholesterol, Total</b>	<b>280</b>	<b>High</b>	mg/dL	100 - 199		01
<b>Triglycerides</b>	<b>184</b>	<b>High</b>	mg/dL	0 - 149		01
HDL Cholesterol	57		mg/dL	>39		01
VLDL Cholesterol Calc	37		mg/dL	5 - 40		
<b>LDL Cholesterol Calc</b>	<b>186</b>	<b>High</b>	mg/dL	0 - 99		
T. Chol/HDL Ratio	4.9		ratio units	0.0 - 5.0		
Please Note:						01

#### 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

#### Iron and TIBC

Iron Bind.Cap. (TIBC)	311		ug/dL	250 - 450		
UIBC	249		ug/dL	111 - 343		01
Iron, Serum	62		ug/dL	38 - 169		01
Iron Saturation	20		%	15 - 55		

#### Testosterone, Free and Total

Testosterone, Serum	598		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.						
Free Testosterone (Direct)	18.5		pg/mL	7.2 - 24.0		01

#### Hemoglobin Alc

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Hemoglobin A1c	5.3		%	4.8 - 5.6	01
Please Note:					01
Pre-diabetes:	5.7 - 6.4				
Diabetes:	>6.4				
Glycemic control for adults with diabetes:	<7.0				
<b>Thyroxine (T4) Free, Direct, S</b>					
T4,Free(Direct)	1.08		ng/dL	0.82 - 1.77	01
<b>Prostate-Specific Ag, Serum</b>					
Prostate Specific Ag, Serum	0.6		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.					
<b>Reverse T3, Serum</b>	16.7		ng/dL	9.2 - 24.1	02
<b>C-Reactive Protein, Cardiac</b>	0.87		mg/L	0.00 - 3.00	01
Relative Risk for Future Cardiovascular Event					
Low <1.00					
Average 1.00 - 3.00					
High >3.00					
<b>Estradiol, Sensitive</b>	19.2		pg/mL	8.0 - 35.0	02
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)					
<b>Homocyst(e)ine, Plasma</b>	10.7		umol/L	0.0 - 15.0	01
<b>Creatine Kinase,Total,Serum</b>	100		U/L	24 - 204	01
<b>Insulin</b>	7.6		uIU/mL	2.6 - 24.9	01
<b>Ferritin, Serum</b>	231		ng/mL	30 - 400	01
<b>Triiodothyronine,Free,Serum</b>	4.0		pg/mL	2.0 - 4.4	01
<b>PTH, Intact</b>	36		pg/mL	15 - 65	01
<b>Cardiovascular Report</b>					
Interpretation	Note				03