

## General Comments &amp; Additional Information

Alternate Control Number: B0084581763

Total Volume: Not Provided

Alternate Patient ID: Not Provided

Fasting: Yes

## Ordered Items

CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel w/ Chol/HDL Ratio; Testosterone, Free+Total LC/MS; Estradiol, Sensitive; Sex Horm Binding Glob, Serum; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
<b>CBC With Differential/Platelet</b>					
WBC	5.1		x10E3/uL	3.4 - 10.8	01
RBC	5.10		x10E6/uL	4.14 - 5.80	01
Hemoglobin	16.1		g/dL	13.0 - 17.7	01
Hematocrit	47.0		%	37.5 - 51.0	01
MCV	92		fL	79 - 97	01
MCH	31.6		pg	26.6 - 33.0	01
MCHC	34.3		g/dL	31.5 - 35.7	01
RDW	13.7		%	12.3 - 15.4	01
Platelets	288		x10E3/uL	150 - 379	01
Neutrophils	63		%	Not Estab.	01
Lymphs	29		%	Not Estab.	01
Monocytes	6		%	Not Estab.	01
Eos	1		%	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)	0.0		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
<b>Comp. Metabolic Panel (14)</b>					
Glucose	100	High	mg/dL	65 - 99	01
BUN	17		mg/dL	6 - 24	01
Creatinine	0.92		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	93		mL/min/1.73	>59	
eGFR If Africn Am	108		mL/min/1.73	>59	

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## FINAL REPORT

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BUN/Creatinine Ratio	18		9 - 20	
Sodium	140	mmol/L	134 - 144	01
Potassium	4.2	mmol/L	3.5 - 5.2	01
Chloride	101	mmol/L	96 - 106	01
Carbon Dioxide, Total	24	mmol/L	20 - 29	01
Calcium	9.2	mg/dL	8.7 - 10.2	01
Protein, Total	7.4	g/dL	6.0 - 8.5	01
Albumin	4.8	g/dL	3.5 - 5.5	01
Globulin, Total	2.6	g/dL	1.5 - 4.5	
A/G Ratio	1.8		1.2 - 2.2	
Bilirubin, Total	0.4	mg/dL	0.0 - 1.2	01
Alkaline Phosphatase	62	IU/L	39 - 117	01
AST (SGOT)	28	IU/L	0 - 40	01
ALT (SGPT)	25	IU/L	0 - 44	01

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

Cholesterol, Total	188	mg/dL	100 - 199	01
Triglycerides	49	mg/dL	0 - 149	01
HDL Cholesterol	58	mg/dL	>39	01
VLDL Cholesterol Calc	10	mg/dL	5 - 40	
<b>LDL Cholesterol Calc</b>	<b>120</b>	<b>High</b>	mg/dL 0 - 99	
T. Chol/HDL Ratio	3.2	ratio	0.0 - 5.0	

Please Note:

#### 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

#### Testosterone, Free+Total LC/MS

Testosterone, Total, LC/MS	1828.2	High	ng/dL 264.0 - 916.0	02
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This LabCorp LC/MS-MS method is currently certified by the CDC Hormone Standardization Program (HoSt). 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.

#### Disclaimer:

This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

Free Testosterone(Direct)	41.3	High	pg/mL 7.2 - 24.0	02
<b>**Results verified by repeat testing**</b>				

Estradiol, Sensitive	45.9	High	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)

Sex Horm Binding Glob, Serum      89.6      High      nmol/L      19.3 - 76.4      01

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