

Carbon Dioxide, Total	20	mmol/L	18 - 29	01
Calcium, Serum	9.3	mg/dL	8.7 - 10.2	01
Protein, Total, Serum	6.6	g/dL	6.0 - 8.5	01
Albumin, Serum	4.3	g/dL	3.5 - 5.5	01
Globulin, Total	2.3	g/dL	1.5 - 4.5	
A/G Ratio	1.9		1.1 - 2.5	
Bilirubin, Total	0.8	mg/dL	0.0 - 1.2	01
Alkaline Phosphatase, S	59	IU/L	39 - 117	01
AST (SGOT)	28	IU/L	0 - 40	01
ALT (SGPT)	22	IU/L	0 - 44	01

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

Cholesterol, Total	162	mg/dL	100 - 199	01
Triglycerides	113	mg/dL	0 - 149	01
<b>HDL Cholesterol</b>	<b>36</b>	<b>Low</b>	mg/dL >39	01
Comment				01

According to ATP-III Guidelines, HDL-C >59 mg/dL is considered a negative risk factor for CHD.

VLDL Cholesterol Calc	23	mg/dL	5 - 40	
<b>LDL Cholesterol Calc</b>	<b>103</b>	<b>High</b>	mg/dL 0 - 99	
T. Chol/HDL Ratio	4.5	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

#### Testosterone, Free and Total

Testosterone, Serum	726	ng/dL	348 - 1197	01
Comment:				

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

<b>Free Testosterone (Direct)</b>	<b>30.3</b>	<b>High</b>	pg/mL 7.2 - 24.0	01
<b>**Please note reference interval change**</b>				

#### Estradiol, LCMS, Endo Sci

Estradiol, Serum, MS	33	pg/mL		02
Reference Range:				
Adult Males: 8.0 - 35				

<b>DHEA-Sulfate</b>	123.8	ug/dL	71.6 - 375.4	01
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<b>TSH</b>	1.130	uIU/mL	0.450 - 4.500	01
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#### Luteinizing Hormone (LH), S

<b>LH</b>	<b>&lt;0.2</b>	<b>Low</b>	mIU/mL 1.7 - 8.6	01
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