

COLLECTED: 2014/07/17 07:56
RECEIVED: 2014/07/17 14:01
REPORTED: 2014/07/22 17:12

DOB: March 14, 1989
AGE: 25
GENDER: Male
FASTING: Yes

Test Name	Result	Reference Range
CBC With Differential/Platelet		
WBC	4.1	3.4-10.8 x10 ³ /μL
RBC	5.29	4.14-5.80 x10 ⁶ /μL
Hemoglobin	17.1	12.6-17.7 g/dL
Hematocrit	50.4	37.5-51.0 %
MCV	95	79-97 fL
MCH	32.3	26.6-33.0 pg
MCHC	33.9	31.5-35.7 g/dL
RDW	12.8	12.3-15.4 %
Platelets	192	150-379 x10 ³ /μL
Neutrophils	46	40-74 %
Lymphs	40	14-46 %
Monocytes	11	4-12 %
Eos	2	0-5 %
Basos	1	0-3 %
Neutrophils (Absolute)	1.9	1.4-7.0 x10 ³ /μL
Lymphs (Absolute)	1.7	0.7-3.1 x10 ³ /μL
Monocytes (Absolute)	0.4	0.1-0.9 x10 ³ /μL
Eos (Absolute)	0.1	0.0-0.4 x10 ³ /μL
Baso (Absolute)	0.0	0.0-0.2 x10 ³ /μL
Immature Granulocytes	0	0-2 %
Immature Grans (Abs)	0.0	0.0-0.1 x10 ³ /μL
Thyroid Panel With TSH		
TSH	2.520	0.450-4.500 μIU/mL
Thyroxine (T4)	9.9	4.5-12.0 μg/dL
T3 Uptake	33	24-39 %
Free Thyroxine Index	3.3	1.2-4.9
T4, Free (Direct)	1.52	0.82-1.77 ng/dL
Triiodothyronine, Free, Serum	4.3	2.0-4.4 pg/mL
FSH and LH		
LH	3.5	1.7-8.6 mIU/mL
FSH	3.9	1.5-12.4 mIU/mL

Comp. Metabolic Panel

Glucose, Serum	73	65-99 mg/dL
BUN	19	6-20 mg/dL
Creatinine, Serum	1.22	0.76-1.27 mg/dL
eGFR	82	>59 mL/min/1.73
BUN/Creatinine Ratio	16	8-19
Sodium, Serum	137	134-144 mmol/L
Potassium, Serum	3.9	3.5-5.2 mmol/L
Chloride, Serum	99	97-108 mmol/L
Carbon Dioxide, Total	23	18-28 mmol/L
Calcium, Serum	9.6	8.7-10.2 mg/dL
Protein, Total, Serum	7.4	6.0-8.5 g/dL
Albumin, Serum	4.7	3.5-5.5 g/dL
Globulin, Total	2.7	1.5-4.5 g/dL
A/G Ratio	1.7	1.1-2.5
Bilirubin, Total	0.8	0.0-1.2 mg/dL
Alkaline Phosphatase, S	106	39-117 IU/L
AST (SGOT)	22	0-40 IU/L
ALT (SGPT)	24	0-44 IU/L

Lipid Panel

Cholesterol, Total	132	100-199 mg/dL
Triglycerides	59	0-149 mg/dL
HDL Cholesterol	42	>39 mg/dL
VLDL Cholesterol Cal	12	5-40 mg/dL
LDL Cholesterol Calc	78	0-99 mg/dL

Testosterone, Free+Weakly Bound

Testosterone, Serum	680	348-1197 ng/dL
Testost., % Free+Weakly Bound	10.5	9.0-46.0 %
Testost., F+W Bound	71.4	40.0-250.0 ng/dL
Free Testosterone (Direct)	9.4	9.3-26.5 pg/mL

Dihydrotestosterone

Dihydrotestosterone	69	30 - 85 ng/dL
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DHEA-Sulfate

DHEA-Sulfate	651.0	138.5-475.2 µg/dL
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Cortisol

Cortisol	17.1	6.2-19.4 µg/dL
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Prolactin

Prolactin	14.9	4.0-15.2 ng/mL
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Prostate-Specific Ag, Serum

Prostate Specific Ag, Serum 1.7 0.0-4.0 ng/mL

IGF-1

Insulin-Like Growth Factor I 188 115-355 ng/mL

Vitamin D, 25-Hydroxy

Vitamin D, 25-Hydroxy 42.1 30.0-100.0 ng/mL

Estradiol, Sensitive

Estradiol, Sensitive 16 3-70 pg/mL

Sex Horm Binding Glob, Serum

Sex Horm Binding Glob, Serum 63.1 16.5-55.9 nmol/L