

An equal sign = Shows a calculated Value

<p>USA Baseline LabCorp Houston No TRT</p>
02-Jan-20

3 Jan 2020
 Various
 Protocols
 28-Sep-2021

REFERENCE RANGE:

<p>3 Months 15 Days on 150mg Testosterone Cypionate Per Week (2 x 75 Mg - IM)</p>
12-Jan-22

TESTOSTERONE (Total)	
Testosterone (Total)	=12.29 nmol/L
	354.5 ng/dL

NZ Ref Range: 6.7 - 26.0 nmol/L	38.1 nmol/L
= NZ Ref Range: 193 - 750 ng/dL	
US Ref Range: 348 - 1197 ng/dL	= 1098 ng/dL

FREE TESTOSTERONE - BLOOD TEST	
Free Testosterone (Known LabCorp Unit Issue)	8.6 ng/dL =298.4 pmol/L LabCorp Test 070195 - EIA

NZ Test Ref Range: 179 - 520 pmol/L US Ref Range: 7.2 - 24 ng/dL ? =249.8 - 832.8 pmol/L ?	1108 pmol/L (Roche cobas Assay) = 319 pg/mL = 31.93 ng/dL
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FREE TESTOSTERONE - CALCULATED	
Balance My Hormones	
	7.11 ng/dL = 2.01 %
	182 ng/dL = 51.2 %
TruT™ by FPT	
	0.36 nMol/L
	10.44 ng/dL
The International Society for the Study of the Aging Male	
	12.8 nmol/L - 3.61%
	32.7 nmol/L = 92.2%

https://balancemyhormones.co.uk/free-testosterone-calculator	
Free Testosterone	1.08 nmol/L = 2.84 %
Bioavailable Testosterone	24.8 nmol/L = 65.1 %
https://tru-t.org/	
Free Testosterone	1.43 nmol/L
	41.30 ng/dL
www.issam.ch/freetesto.htm	
Free Testosterone	1.56 nmol/dL = 4.09 %
Bioavailable Testosterone	35.8 nmol/dL = 93.8 %

SHBG	
	30.5 nmol/L

NZ Range: 15 -71 nmol/L	26 nmol/L (Roche Assay)
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FSH & LH	
LH	3.3 mIU/mL
FSH	7.3 mIU/mL

DHT	
DHT	27 ng/dL

IGF-1		
Insulin-Like Growth Factor 1		128 ng/dL

PROSTATE SPECIFIC ANTIGEN		
PSA		3.1 ng/mL =3.1 ug/L

REPRODUCTIVE HORMONES		
Progesterone		
Prolactin		15.4 ng/mL =327 mIU/L
Monomeric Prolactin		-
Oestradiol (Estradiol, E2)		38.8 pg/mL =142 pmol/L Sensitive Test

17OH PROGESTERONE

IRON STUDIES		
Serum Iron		-
Transferrin		-
Transferrin Saturation		-
Ferritin		428 ng/mL =428 ug/L

LIVER FUNCTION TESTS		
Total Bilirubin	0.7 mg/dL umol/L	=11.9
Alkaline Phosphatase	67 IU/L	
GGT	-	
ALT (SGOT)	35 IU/L	
AST (SGPT)	24 IU/L =24 U/L	
Globulin	2.0 g/dL =20 g/L	
Albumin	4.7 g/dL =47 g/L	
Total Protein	6.7 g/dL =67 gd/L	
Albumin/Globulin Ratio	2.35	

NZ Ref Range: < 4.00 ug/L USA Dicounted Lab's: ≤ 4.00 ng/mL	3.1 ug/L = 3.1 ng/mL
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NZ Ref Range: <161 pmol/L USA Ref Range: 8.0 - 35.0 pg/mL	272 pmol/L =74.1 pg/mL (Not Sesitive Consider factor of x 0.8)
Note: 272 pmol/L x 0.8 = 217.6 pmol/L or 59.3 pg/mL	

NZ Ref Range: <6.0 nmol/L	Waiting For Result
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NZ Ref Range 10 - 30 umol/L	26 umol/L
NZ Ref Range 1.7 - 3.4 g/L	3.2 g/L
NZ Ref Range 0.15 - 0.50	0.32
NZ Ref Range: 20 - 450 ug/L Discounted Lab's Range: 55-270 ng/mL or 55-270 ug/L	212 ug/L

< 25 umol/L	16 umol/L
40 - 130 U/L	65 U/L
< 60 U/L	26 U/L
< 45 U/L	15 U/L
NZ Ref Range: < 45 U/L US Ref Range: 0 - 40 IU/L	22 U/L
NZ Ref Range: 25 - 41 g/L US Ref Range: 1.5 - 4.5 g/dL	30 g/L
NZ Ref Range: 32 - 48 g/L USA Ref Range: 3.8 - 4.9 g/dL	42 g/L = 4.2 g/dL
NZ Ref Range: 66 - 84 g/L	72 g/L
US Ref Range: 1.2 - 2.2	1.4

THYROID FUNCTION TESTS		
TSH	3.220 uIU/mL =3.22 mIU/L	
Triiodothyronine, Free T3	3.1 pg/mL =4.76 pmol/L	
Thyroxine - Free T4	1.11 ng/dL	
Thyroid Peroxidase (TPO) Ab	10 IU/mL	

BLOOD COUNT		
Haemoglobin	15.4 g/dL =154 g/L	
RBC	5.15 x10E6/uL =5.15 10 ¹² /L	
HCT	45.2% =0.45	
MCV	88 fL	
MCH	29.9 pg	
MCHC	34.1 g/dL	
RDW	15.0 %	
Platelets	210 x10E3/uL =210x10 ⁹ /L	
Neutrophils %	59 %	
Lymphs %	31 %	
Monocytes %	7 %	
Eos %	3 %	
Basos %	0 %	
WBC	8.5 x 10E3/uL =8.5 x10 ⁹ /L	
Neutrophils (Absolute)	5.1 x 10E3/uL =5.1 x10 ⁹ /L	
Lymphocytes (Absolute)	2.6 x 10E3/uL =2.6 x10 ⁹ /L	
Monocytes (Absolute)	0.6 x 10E3/uL =0.6 x10 ⁹ /L	
Eosinophils - Eos (Absolute)	0.2 x 10E3/uL =0.2 x10 ⁹ /L	
Basophils - Baso(Absolute)	0 x 10E3/uL =0 x10 ⁹ /L	

NZ Ref Range: 0.27 - 4.20 mIU/L	3.1 mIU/L
NZ Ref Range: 3.9 - 6.8 pmol/L Discounted Lab's: ≥ 3.7 - 5.0 pg/mL	5.5 pmol/L =3.58 pg/mL
NZ Ref Range: 12.0 - 22.0 pmol/L US Ref Range: 0.82 - 1.77 ng/dL	13.0 pmol/L
US Ref Range: 0 - 34 IU/mL	-

NZ Ref Range: 130 - 175 g/L = 13.0 - 17.5 g/dL	* 180 g/L
NZ Ref Range: 4.30 - 6.00 x10 ¹² /L =4.30 - 6.00 x10E6/uL	* 6.10 x10 ¹² /L
NZ Ref Range: 0.40 - 0.50 USA Discounted Lab's Range: ≤ 53%	* 0.54 L/L
NZ Ref Range: 80 - 99 fL	89 fL
NZ Ref Range: 27.0 - 33.0 pg	30 pg
-	-
-	-
NZ Ref Range: 150 - 400 x10 ⁹ /L	197 x10 ⁹ /L
-	-
-	-
-	-
-	-
-	-
USA Ref Range: 3.4 - 10.8 x10E3/uL NZ Ref Range: 4.0 - 11.0 x10 ⁹ /L	8.5 x10 ⁹ /L
NZ Ref Range: 1.9 - 7.5 x10 ⁹ /L	4.0 x10 ⁹ /L
NZ Ref Ranges: 1.0 - 4.0 x10 ⁹ /L USA Ref Range: 0.7 - 3.1 x10E3/uL	2.4 x10 ⁹ /L
NZ Ref Range: 0.2 - 1.0 x10 ⁹ /L	0.8 x10 ⁹ /L
NZ Ref Range: < 0.6 x10 ⁹ /L	0.3 x10 ⁹ /L
NZ Ref Range: < 0.3 x10 ⁹ /L	0.0 x10 ⁹ /L

DHEA (Sulfate)	
DHEA	42.4 ug/dL

Vitamin D 25-Hydroxy	
Vitamin D	30.0 ng/dL

COMPREHENSIVE METABOLIC PANEL	
Glucose (Plasma)	128 mg/dL =7.1 nmol/L
HbA1c	-
BUN	12 mg/dL
Creatinine	0.88 mg/dL =77.8 umol/L
eGFR	94 mL/min/1.73
BUN/Creatinine Ratio	14
Sodium	139 mmol/L
Potassium	4.3 mmol/L
Chloride	102 mmol/L
Carbon Dioxide, Total	23 mmol/L
Calcium	9.3 mg/dL
Protein, Total	6.7 g/dL
Albumin	4.7 g/dL =47 g/L
Globulin, Total	2.0 g/dL
A/G Ratio	2.4
Bilirbin, Total	0.7 mg/dL
Urate	-
Urea	-
Bicarbonate	-
Alkaline Phosphatase	67 IU/L

LIPID PANEL	
Cholesterol, Total	196 mg/dL =5.0 nmol
Triglycerides	=0.94 nmol/L 83 mg/dL
HDL Cholesterol	45
VLDL Cholesterol	17 mg/dL
LDL Cholesterol	134 mg/dL =3.4 nmol/L
T. Chol/HDH Ratio	4.36