

Winter, Cheryl  
8-26-14

<1.0 MG/L	LOW
1.0-3.0 MG/L	AVERAGE
>3.0 MG/L	HIGH

(from Pearson, T.A. et al. Circulation 2003; 107:499)

HOMOCYSTEINE				
HOMOCYSTEINE	7.1 ✓	UMOL/L	5.0-12.0	MAIN
INSULIN				
INSULIN	<2 4-6	Below low normal UIU/ML	4-13	MAIN

TESTOSTERONE				
TESTOSTERONE	41.5	NG/DL	SEE BELOW	MAIN
TESTOSTERONE (NOTE)				MAIN

\*\*\*\*\* EXPECTED VALUES FOR TOTAL TESTOSTERONE BY AGE \*\*\*\*\*

Males	12-14	15-17	18-24	25-34	35-44	45-54	55-64	65-74	75+
Female									
Prepubertal									
Mid-cycle peak									
Luteal phase									
Postmenopausal									

PROLACTIN				
PROLACTIN	2.7	NG/ML	2.3-15.3	MAIN
PROLACTIN (NOTE)				MAIN

\*\*\*\*\* EXPECTED VALUES FOR PROLACTIN \*\*\*\*\*

Males	12-14	15-17	18-24	25-34	35-44	45-54	55-64	65-74	75+
Female									
Prepubertal									
Mid-cycle peak									
Luteal phase									
Postmenopausal									

PROLACTIN				
PROLACTIN	1.1 ✓	NG/ML	2.3-27.0	MAIN
TESTOSTERONE, FREE/TOTAL WITH SIBG				
TESTOSTERONE	1443	Above high NG/ML	17-76	MAIN

TESTOSTERONE AND FREE TESTOSTERONE (NOTE)

NOTE: Total testosterone sensitivity is 17 ng/dL.  
To determine normal vs. subnormal testosterone levels in children and women, measure Total and Free Testosterone concentrations.

FREE TESTOSTERONE (NOTE)				
FREE TESTOSTERONE		PG/ML	12-162	MAIN

For female patients 18-24 years of age:

Prepubertal	20-14
Postpubertal	17-16