

# Testosterone, Total and Free, Serum

## Reference Range

### TESTOSTERONE, FREE

#### Males (adult):

20-<25 years	5.25-20.7 ng/dL
25-<30 years	5.05-19.8 ng/dL
30-<35 years	4.85-19.0 ng/dL
35-<40 years	4.65-18.1 ng/dL
40-<45 years	4.46-17.1 ng/dL
45-<50 years	4.26-16.4 ng/dL
50-<55 years	4.06-15.6 ng/dL
55-<60 years	3.87-14.7 ng/dL
60-<65 years	3.67-13.9 ng/dL
65-<70 years	3.47-13.0 ng/dL
70-<75 years	3.28-12.2 ng/dL
75-<80 years	3.08-11.3 ng/dL
80-<85 years	2.88-10.5 ng/dL
85-<90 years	2.69-9.61 ng/dL
90-<95 years	2.49-8.76 ng/dL
95-100+ years	2.29-7.91 ng/dL

#### Females (adult):

20-<25 years	0.06-1.08 ng/dL
25-<30 years	0.06-1.06 ng/dL
30-<35 years	0.06-1.03 ng/dL
35-<40 years	0.06-1.00 ng/dL
40-<45 years	0.06-0.98 ng/dL
45-<50 years	0.06-0.95 ng/dL
50-<55 years	0.06-0.92 ng/dL
55-<60 years	0.06-0.90 ng/dL
60-<65 years	0.06-0.87 ng/dL
65-<70 years	0.06-0.84 ng/dL
70-<75 years	0.06-0.82 ng/dL
75-<80 years	0.06-0.79 ng/dL
80-<85 years	0.06-0.76 ng/dL
85-<90 years	0.06-0.73 ng/dL
90-<95 years	0.06-0.71 ng/dL
95-100+ years	0.06-0.68 ng/dL

#### Males (children):

<1 year: Term infants

1-15 days: 0.20-3.10 ng/dL\*

16 days-1 year: Values decrease gradually from newborn (0.20-3.10 ng/dL) to prepubertal levels

#### Females (children):

<1 year: Term infants

1-15 days: 0.06-0.25 ng/dL\*

16 days-1 year: Values decrease gradually from newborn (0.06-0.25 ng/dL) to prepubertal levels

\*Citation: J Clin Endocrinol Metab 1973;36(6):1132-1142

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1-8 years	<0.04-0.11 ng/dL
9 years	<0.04-0.45 ng/dL
10 years	<0.04-1.26 ng/dL
11 years	<0.04-5.52 ng/dL
12 years	<0.04-9.28 ng/dL
13 years	<0.04-12.6 ng/dL
14 years	0.48-15.3 ng/dL
15 years	1.62-17.7 ng/dL
16 years	2.93-19.5 ng/dL
17 years	4.28-20.9 ng/dL
18 years	5.40-21.8 ng/dL
19 years	5.36-21.2 ng/dL

1-4 years	<0.04 ng/dL
5 years	<0.04-0.07 ng/dL
6 years	<0.04-0.14 ng/dL
7 years	<0.04-0.23 ng/dL
8 years	<0.04-0.34 ng/dL
9 years	<0.04-0.46 ng/dL
10 years	<0.04-0.59 ng/dL
11 years	<0.04-0.72 ng/dL
12 years	<0.04-0.84 ng/dL
13 years	<0.04-0.96 ng/dL
14 years	<0.04-1.06 ng/dL
15-18 years	<0.04-1.09 ng/dL
19 years	0.06-1.08 ng/dL

# Testosterone, Total and Free, Serum

## Reference Range

### TESTOSTERONE, TOTAL

#### Males

0-5 months	75-400 ng/dL
6 months-9 years	<7-20 ng/dL
10-11 years	<7-130 ng/dL
12-13 years	<7-800 ng/dL
14 years	<7-1,200 ng/dL
15-16 years	100-1,200 ng/dL
17-18 years	300-1,200 ng/dL
> or =19 year	240-950 ng/dL
Tanner Stages*	
I (prepubertal)	<7-20
II	8-66
III	26-800
IV	85-1,200
V (young adult)	300-950

#### Females

0-5 months	20-80 ng/dL
6 months-9 years	<7-20 ng/dL
10-11 years	<7-44 ng/dL
12-16 years	<7-75 ng/dL
17-18 years	20-75 ng/dL
> or =19 years	8-60 ng/dL
Tanner Stages*	
I (prepubertal)	<7-20
II	<7-47
III	17-75
IV	20-75
V (young adult)	12-60