| <u>Sex</u> | Age From | Age To | Range | <u>Units</u> |
|------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Female | 0 Minutes | 4 weeks | 20.00-64.00 | ng/dL |
| Female | 4 Weeks | 24 Weeks | ≤ 20.00 | ng/dL |
| Female | 24 Weeks | 2 Years | ≤ 9.00 | ng/dL |
| Female | 2 Years | 4 Years | ≤ 20.00 | ng/dL |
| Female | 4 Years | 6 Years | ≤ 30.00 | ng/dL |
| Female | 6 Years | 8 Years | ≤ 7.00 | ng/dL |
| Female | 8 Years | 10 Years | 1.00 - 11.00 | ng/dL |
| Female | 10 Years | 12 Years | 3.00 - 32.00 | ng/dL |
| Female | 12 Years | 14 Years | 6.00 - 50.00 | ng/dL |
| Female | 14 Years | 16 Years | 6.00 - 52.00 | ng/dL |
| Female | 16 Years | 18 Years | 9.00 - 58.00 | ng/dL |
| Female | 18 Years | 40 Years | 9.00 - 55.00 | ng/dL |
| Female | 40 Years | 60 Years | 9.00 - 55.00 | ng/dL |
| Female | 60 Years | 150 Years | 5.00 - 32.00 | ng/dL |
| | | | | |
| | | | | |
| <u>Sex</u> | Age From | Age To | <u>Range</u> | <u>Units</u> |
| <u>Sex</u> Male | Age From 0 Minutes | Age To 4 weeks | Range 75.00 - 400.00 | <u>Units</u> ng/dL |
| · | | | | · · · |
| Male | 0 Minutes | 4 weeks | 75.00 - 400.00 | ng/dL |
| Male Male | 0 Minutes 4 Weeks | 4 weeks 24 Weeks | 75.00 - 400.00 14.00 - 363.00 | ng/dL ng/dL |
| Male Male Male | 0 Minutes 4 Weeks 24 Weeks | 4 weeks 24 Weeks 2 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 | ng/dL ng/dL ng/dL |
| Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years | 4 weeks 24 Weeks 2 Years 4 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 | ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 | ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 | ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 2.00 - 8.00 | ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 2.00 - 8.00 2.00 - 165.00 | ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 2.00 - 8.00 2.00 - 165.00 3.00 - 619.00 | ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years 14 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 2.00 - 8.00 2.00 - 165.00 3.00 - 619.00 31.00 - 733.00 | ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years 14 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years 14 Years 16 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 2.00 - 8.00 2.00 - 165.00 3.00 - 619.00 31.00 - 733.00 158.00 - 826.00 | ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL |
| Male Male Male Male Male Male Male Male | 0 Minutes 4 Weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years 14 Years 16 Years | 4 weeks 24 Weeks 2 Years 4 Years 6 Years 8 Years 10 Years 12 Years 14 Years 16 Years 18 Years | 75.00 - 400.00 14.00 - 363.00 ≤ 37.00 ≤ 15.00 ≤ 19.00 ≤ 13.00 2.00 - 8.00 2.00 - 165.00 3.00 - 619.00 31.00 - 733.00 158.00 - 826.00 300.00 - 1080.00 | ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL ng/dL |

Free Testosterone Reference Ranges

| <u>Sex</u> | Age From | Age To | Range | <u>Units</u> |
|------------|-----------------|-----------|--------------|--------------|
| Female | 1 Year | 6 Years | ≤ 0.6 | pg/mL |
| Female | 7 Years | 9 Years | 0.6 - 1.8 | pg/mL |
| Female | 10 Years | 11 Years | 0.1 - 3.5 | pg/mL |
| Female | 12 Years | 13 Years | 0.9 - 6.8 | pg/mL |
| Female | 14 Years | 15 Years | 1.2 - 7.5 | pg/mL |
| Female | 16 Years | 17 Years | 1.2 - 9.9 | pg/mL |
| Female | 18 Years | 30 Years | 0.8 - 7.4 | pg/mL |
| Female | 31 Years | 40 Years | 1.3 - 9.2 | pg/mL |
| Female | 41 Years | 51 Years | 1.1 - 5.8 | pg/mL |
| Female | Post-Menopausal | >60 Years | 0.6 - 3.8 | pg/mL |

| <u>Sex</u> | Age From | Age To | Range | <u>Units</u> |
|------------|------------|----------|--------------|--------------|
| Male | 1 Year | 6 Years | ≤ 0.6 | pg/mL |
| Male | 7 Years | 9 Years | 0.1 - 0.9 | pg/mL |
| Male | 10 Years | 11 Years | 0.1 - 6.3 | pg/mL |
| Male | 12 Years | 13 Years | 0.5 - 98 | pg/mL |
| Male | 14 Years | 15 Years | 3 - 138 | pg/mL |
| Male | 16 Years | 17 Years | 38 - 173 | pg/mL |
| Male | > 18 Years | | 47 - 244 | pg/mL |