

Serum Reference Ranges

Disclaimer: Reference ranges are observed ranges based on collected laboratory data. For more information, please contact ZRT Laboratory.

Serum Test	Reference Ranges for Women	Reference Ranges for Men
Estradiol (E2) pg/mL	Premenopausal Luteal/Postmenopausal ERT 43-180 Postmenopausal <20-49	<20-56
Progesterone (Pg) ng/mL	Premenopausal Luteal/Postmenopausal PgRT 3.3-22.5 Postmenopausal <0.2-0.8	<0.2-0.8
Testosterone (T) ng/dL	Premenopausal Luteal/Postmenopausal TRT 20-130 Postmenopausal 20-45	Age Dependent 400-1200
DHEA-S (DS) µg/dL		70-325
Cortisol (C) µg/dL	Morning 8.5-19.8 Evening/Night 3.3-8.5	Morning 8.5-19.8 Evening/Night 3.3-8.5
Sex Hormone Binding Globulin (SHBG) nmol/L		15-50
Prostate-Specific Antigen (PSA) ng/mL	N/A	<0.5-4 Optimum 0.5-2
Free Thyroxine (fT4) ng/dL		0.7-2.5
Free Triiodothyronine (fT3) pg/mL		2.4-4.2
Thyroid Stimulating Hormone (TSH) µU/mL		0.5-3.0
Thyroid Peroxidase (TPO) Antibodies IU/mL		<70
Luteinizing Hormone (LH) U/L	Premenopausal Luteal 0.5-12.8 Premenopausal Follicular 1.6-9.3 Postmenopausal 15.0-64.0	Adult Male 1.0-8.4
Follicle-Stimulating Hormone (FSH) U/L	Premenopausal Luteal 0.6-8.0 Premenopausal Follicular 2.4-9.3 Postmenopausal 31-134	Adult Male 1.0-10.5
Insulin-Like Growth Factor 1 (IGF-1) ng/mL		100-300
Growth Hormone (GH) ng/mL		0.14-3.85
Prolactin ng/mL		4.9-17.2
Ferritin ng/mL		16.0-145.7
Folate ng/mL		7.1-26.4
Vitamin B12 pg/mL		285-1086
Homocysteine µmol/L		6.3-12.5
Brain-Derived Neurotrophic Factor (BDNF) ng/mL		12.2-40.8