

Patient Name : Demo Patient Name
Age / Sex : 35 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 15:57
Patient ID : UHID.DEMO.001

Testosterone				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 21-Jan-25 15:57	Received On: 21-Jan-25 19:16	Approved On: 21-Jan-25 21:42
Observation	Result	Unit	Biological Ref. Interval	Method
Testosterone	176	ng/dL	260-1000	CLIA

Biological Reference Interval as suggested vide reference of Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics 7th edition.

Reference Range		Value in ng/dL	
Age		Male	Female
Prepubertal Child			
1-5 Months		1-177	1-5
6-11 Months		2-7	2-5
1-5 Years		2-25	2-10
6-9 Years		3-30	2-20
Puberty, Tanner Stage			
Tanner Stage 1		2-23	2-10
Tanner Stage 2		5-70	5-30
Tanner Stage 3		15-280	10-30
Tanner Stage 4		105-545	15-40
Tanner Stage 5		65-800	10-40
Adults			
Adult		260-1000	15-70

Clinical Significance of Testosterone [Total]: Testosterone is responsible for the development of secondary sexual characteristics and thereby testosterone measurements have been very helpful in evaluating hypogonadal states. Increased testosterone levels in males could be found in complete androgen resistance, while decreased levels are found in hypogonadism, orchidectomy, estrogen therapy, Klinefelter's syndrome, hypopituitarism and hepatic cirrhosis. Common causes of increased testosterone levels in females include polycystic ovaries (Stein leventhal syndrome), ovarian tumors, adrenal tumors and hyperplasia.

Remarks: Please correlate results with clinical conditions.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

