

Patient Name :
 DOB/Age/Gender : Bill Date :
 Patient ID / UHID : Sample Collected :
 Referred By : Sample Received :
 Sample Type : Report Date :
 Barcode No : Report Status :

Test Description	Value(s)	Unit(s)	Reference Range
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BIOCHEMISTRY REPORT

Testosterone Total

Testosterone Total Method : ECLIA	38.6	ng/dL	Female(8 - 19 year) 4.6 - 38.3 Female(20 - 49 Year) 8.4 - 48.1 Female(>= 50 Year) 2.9 - 40.8
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Interpretation:

Age in Years	Reference Ranges ng/dL
Males 20-49	249 - 836
Males ≥ 50 years	193 - 740
Females 20-49	8.4 - 48.1
Females ≥ 50	2.9 - 40.8

Reference values for Males (7-18 years) characterized by Tanner Stage

Tanner Stage	5-95th percentiles (ng/dL)
1	< 2.5
2	< 2.5 - 432
3	64.9 - 778
4	180 - 763
5	188 - 882

Reference values for females (8-18 years) characterized by Tanner Stage

Tanner Stage	5-95th percentiles (ng/dL)
1	<2.5 - 6.1
2	<2.5 - 10.4
3	<2.5 - 23.7
4	<2.5 - 26.8
5	4.6 - 38.3

Note

· All applications that require measurement of very low level of testosterone (eg hypogonadal men, children, virilization or intersex disorders in women etc) recommended test is Testosterone total, Ultrasensitive

· LC-MS/MS is the gold standard for steroid hormone assays due to increased sensitivity & specificity as compared to immunoassays

Clinical Use



Booking Centre :- RANJANA DAIGNOSTICS, Raipur

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., Second Floor Above Shri Sai Steel, Near Anugarh Residency, Nahar Road Gondwara, Raipur (C.G) 493221



Dr. Lokesh Sahu
MBBS, DCP
Consultant Pathologist

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· Assessment of testicular function in males

Increased levels

- Precocious puberty (Males)
- Androgen resistance
- Testotoxicosis
- Congenital Adrenal Hyperplasia

Decreased levels

- Delayed puberty (Males)
- Gonadotropin deficiency
- Testicular defects
- Systemic diseases




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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
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