

**TEST CHANGE**

**Testosterone (Adult Females, Children, or Individuals on Testosterone-Suppressing Hormone Therapy)**

0081058, TESTOS MAS

**Specimen Requirements:**

Patient Preparation: Collect between 6-10 a.m.

Collect: Serum separator tube or green (sodium or lithium heparin).

Specimen Preparation: Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP ~~standard transport tube~~ [Standard Transport Tube](#). (Min: 0.2 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: EDTA plasma.

**Remarks:**

Stability: After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 6 months

Methodology: Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

Performed: Sun-Sat

Reported: 1-~~5~~4 days

**Note:**

CPT Codes: 84403

New York DOH Approval Status: This test is New York DOH approved.

**Interpretive Data:**

Free or bioavailable testosterone measurements may provide supportive information.

For individuals on testosterone-suppressing hormone therapies (e.g., antiandrogens or estrogens), refer to cisgender female reference intervals. For a complete set of all established reference intervals, refer to [ltd.aruplab.com/Tests/Pub/0081058](http://ltd.aruplab.com/Tests/Pub/0081058).

~~This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.~~

**Reference Interval:**

Effective August 19, 2013

Age	Female	Male
Premature (26-28 weeks)	5-16 ng/dL	59-125 ng/dL
Premature (31-35 weeks)	5-22 ng/dL	37-198 ng/dL
Newborn	20-64 ng/dL	75-400 ng/dL
1-5 months	Less than 20 ng/dL	14-363 ng/dL
6-24 months	Less than 9 ng/dL	Less than 37 ng/dL
2-3 years	Less than 20 ng/dL	Less than 15 ng/dL
4-5 years	Less than 30 ng/dL	Less than 19 ng/dL
6-7 years	Less than 7 ng/dL	Less than 13 ng/dL
8-9 years	1-11 ng/dL	2-8 ng/dL
10-11 years	3-32 ng/dL	2-165 ng/dL
12-13 years	6-50 ng/dL	3-619 ng/dL
14-15 years	6-52 ng/dL	31-733 ng/dL
16-17 years	9-58 ng/dL	158-826 ng/dL
18-39 years	9-55 ng/dL	300-1080 ng/dL
40-59 years	9-55 ng/dL	300-890 ng/dL
60 years and older	5-32 ng/dL	300-720 ng/dL
Premenopausal (18 years and older)	9-55 ng/dL	Does Not Apply
Postmenopausal	5-32 ng/dL	Does Not Apply
Tanner Stage I	2-17 ng/dL	2-15 ng/dL
Tanner Stage II	5-40 ng/dL	3-303 ng/dL
Tanner Stage III	10-63 ng/dL	10-851 ng/dL
Tanner Stage IV-V	11-62 ng/dL	162-847 ng/dL