

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 12/11/1999  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Testosterone, Bioavailable and Total, Includes Sex Hormone-Binding Globulin (Adult Females, Children, or Individuals on Testosterone-Suppressing Hormone Therapy)**

ARUP test code 0081057

Sex Hormone Binding Globulin

**5 nmol/L L (Ref Interval: 25-122)**

REFERENCE INTERVAL: Sex Hormone Binding Globulin

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

Testosterone by Mass Spec

**60 ng/dL H (Ref Interval: 9-55)**

REFERENCE INTERVAL: Testosterone by Mass Spec

Females  
Premenopausal 9-55 ng/dL  
Postmenopausal 5-32 ng/dL

INTERPRETIVE INFORMATION: Testosterone by Mass Spec

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 [td.aruplab.com/Tests/Pub/0081058](http://td.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.

Testosterone, Free by Mass Spec

**34.4 pg/mL H (Ref Interval: 0.8-7.4)**

REFERENCE INTERVAL: Testosterone, Free by Mass Spec

Females  
Postmenopausal: 0.6 - 3.8 pg/mL

INTERPRETIVE INFORMATION: Testosterone, Free by Mass Spec

Free testosterone concentration is calculated using total testosterone (measured by mass spectrometry) and the binding constant of testosterone and sex hormone-binding globulin

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-060-100636  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 1 of 2 | Printed: 9/6/2022 10:05:26 AM

(SHBG).

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/0081059](http://ltd.aruplab.com/Tests/Pub/0081059).

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.

Testosterone, Bioavailable by Mass Spec

**44.6 ng/dL H (Ref Interval: 2.2-20.6)**

REFERENCE INTERVAL: Testosterone, Bioavailable by Mass Spec

Females:

Postmenopausal: 1.5 - 9.4 ng/dL

INTERPRETIVE INFORMATION: Testosterone, Bioavailable by Mass Spec

Bioavailable testosterone concentration is calculated using total testosterone (measured by mass spectrometry) and the binding constant of testosterone and sex hormone-binding globulin (SHBG) and/or albumin.

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/0081057](http://ltd.aruplab.com/Tests/Pub/0081057).

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Sex Hormone Binding Globulin	22-060-100636	3/1/2022 7:26:00 AM	3/1/2022 7:27:06 AM	3/2/2022 11:23:00 AM
Testosterone by Mass Spec	22-060-100636	3/1/2022 7:26:00 AM	3/1/2022 7:27:06 AM	3/2/2022 11:23:00 AM
Testosterone, Free by Mass Spec	22-060-100636	3/1/2022 7:26:00 AM	3/1/2022 7:27:06 AM	3/2/2022 11:23:00 AM
Testosterone, Bioavailable by Mass Spec	22-060-100636	3/1/2022 7:26:00 AM	3/1/2022 7:27:06 AM	3/2/2022 11:23:00 AM

END OF CHART

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:

**ARUP LABORATORIES | 800-522-2787 | aruplab.com**  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 22-060-100636  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 2 of 2 | Printed: 9/6/2022 10:05:26 AM