

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 6/10/1967
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Testosterone, Free and Total, Includes Sex Hormone-Binding Globulin (Adult Males or Individuals on Testosterone Hormone Therapy)

ARUP test code 0070109

Testosterone by Immunoassay

146 ng/dL L (Ref Interval: 300-890)

INTERPRETIVE INFORMATION: Testosterone by Immunoassay

Testosterone immunoassays are both imprecise and inaccurate at low testosterone concentrations, such as those found in children and cisgender females. For these individuals, testing by mass spectrometry is recommended; refer to Testosterone (Adult Females, Children, or Individuals on Testosterone-Suppressing Hormone Therapy) (ARUP test code 0081058). Free or bioavailable testosterone measurements may provide supportive information.

For individuals on testosterone hormone therapy, refer to cisgender male reference intervals. No reference intervals have been established for males younger than 14 years or for cisgender females. For a complete set of all established reference intervals, refer to ltd.aruplab.com/Tests/Pub/0070130.

Sex Hormone Binding Globulin

17 nmol/L L (Ref Interval: 19-76)

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, Free Calculation

34 pg/mL L (Ref Interval: 47-244)

INTERPRETIVE INFORMATION: Testosterone, Free Calculation

Free testosterone concentration is calculated using total testosterone (measured by immunoassay) and the binding constant of testosterone and sex hormone-binding globulin (SHBG). Testosterone immunoassays are both imprecise and inaccurate at low testosterone concentrations, such as those found in children and cisgender females. For these individuals, testing by mass spectrometry is recommended; refer to Testosterone, Free (Adult Females, Children, or Individuals on Testosterone-Suppressing Hormone Therapy) (ARUP test code 0081059).

For individuals on testosterone hormone therapy, refer to cisgender male reference intervals. No reference intervals have been established for males younger than 14 years or for cisgender females. For a complete set of all established reference intervals, refer to ltd.aruplab.com/Tests/Pub/0070109.

Testosterone, Percentage Free

2.3 % (Ref Interval: 1.6-2.9)

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Testosterone by Immunoassay	23-086-135014	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sex Hormone Binding Globulin	23-086-135014	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Testosterone, Free Calculation	23-086-135014	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Testosterone, Percentage Free	23-086-135014	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

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: 23-086-135014
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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