

# Testosterone, Free, Bioavailable, and Total (MS)

**CPT Code:** 82040 (x1), 84270 (x1), 84403 (x1)

**Order Code:** 1043

**Includes:** Testosterone, Total, MS; Testosterone, Free; Testosterone, Bioavailable; Sex Hormone Binding Globulin (SHBG); Albumin

**ABN Requirement:** No

**Specimen:** Serum

**Volume:** 3.0 mL

**Minimum Volume:** 1.5 mL

**Container:** Red Top (no gel barrier) tube

## Collection:

### Serum:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. Do not shake.
3. Let tube stand in a vertical position to allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.
5. Aliquot serum into a transport tube labeled "Red Top Serum" and cap tightly.

**\*Special Information: Please specify age and sex on the test requisition form.\***

**Transport:** Store aliquoted serum at 2-8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

## Stability:

**Ambient (15-25°C):** 7 days

**Refrigerated (2-8°C):** 21 days

**Frozen (-20°C):** 60 days

**Causes for Rejection:** Specimens other than Red Top serum; improper labeling; samples not stored properly; samples older than stability limits; grossly

hemolyzed or grossly lipemic specimens; specimens collected in Serum Separator Tube (SST)

**Methodology:** Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS), Spectrophotometry (SP), Immunochemiluminescent Assay, Calculation (CALC)

**Turn Around Time:** 4 to 5 days

**Reference Range:** See Laboratory Report

**Clinical Significance:** Helpful in assessing testicular function in males and managing hirsutism, virilization in females.

*The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.*