

About This Test

Testosterone is a sex hormone that plays an important role in the body. During puberty in males, it causes the growth of body hair, muscle development, and the deepening of the voice. In men, it controls sex drive, maintains muscle mass, and helps make sperm. Women also have testosterone in their bodies, but in much smaller amounts.

Testosterone promotes the development of secondary sex characteristics in men and serves to maintain the function of the prostate and seminal vesicles. Most of the circulating testosterone is bound to carrier proteins (SHBG = sex hormone-binding globulin). In women, small quantities of testosterone are formed in the ovaries. In physiological concentrations, androgens have no specific effects in women. Increased production of testosterone in women can cause virilization (depending on the increase).

What Should I Do With My Results?

A normal total testosterone result, together with other normal laboratory results, generally means that a person's testosterone level is normal for their gender.

If your results are abnormal, it does not necessarily mean you have a medical condition needing treatment. Certain medicines can affect your results. If you have questions about your results, consult your health care provider.

Abnormal results in men:

- Elevated results: Could be indicative of a tumor in the testicles or adrenal glands or may be due to testosterone supplementation.
- Low results: May mean a genetic, chronic disease, or other problem with the testicles, or a problem with the pituitary gland.

Abnormal results in women:

- Elevated results: Could indicate polycystic ovary syndrome (PCOS affects women of childbearing age leading to infertility). It may also mean tumor of the ovaries or adrenal glands.
- Low results: Low results are normal, but extremely low levels may indicate Addison disease (a disorder of the adrenal gland).

Test Information

CompuNet's testosterone test is performed via electrochemiluminescence immunoassay "ECLIA". Our test measures both attached and free testosterone.



Testosterone (Total)

How Do I Obtain My Results?

Results are available through our online patient portal, My Labs NowSM. Visit www.compunetlab.com to sign in or setup an account. Or text MYLABS to 66349. Follow The signup link in the text message you receive. Please be sure your name exactly matches the name on your lab test order. Contact help@luminathealth.com if you need assistance. CompuNet is unable to provide verbal results to patients.

I Do Not Have a Regular Doctor. Where Can I Find One?

If you do not have a doctor, we recommend the following resources to locate one:

Premier Health Find a Doctor

(937) 684-4155 or 1-855-PREMIER
www.premierhealth.com/findadoc

WebMD Care

www.doctor.webmd.com

CompuNet DIRECT is direct access, preventative testing intended for education purposes. A CompuNet DIRECT lab test result is not a medical diagnosis and is not intended as a form of medical advice. Only a physician can interpret lab test results and diagnose a medical condition or disease.

Because tests have not been ordered by a physician, third-party entities, including Medicare and Medicaid, will not reimburse for these tests.