



Human Testosterone,T ELISA Kit

Product Code	CSB-E05099h
Abbreviation	T
Protein Biological Process 1	Sex hormone
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Tag Info	quantitative
Protein Description	Competitive

Description

The human testosterone ELISA Kit is intended to measure human testosterone in serum, plasma, cell culture supernates, or tissue homogenates. This assay employs the competitive inhibition enzyme immunoassay technique and enzyme-substrate chromogenic reaction to quantify human testosterone concentration. The intensity of the colored product is negatively proportional to the concentration of testosterone present in the sample. This human testosterone ELISA kit has high specificity and excellent sensitivity.

Testosterone is the androgen in the testis essential for the initiation and maintenance of spermatogenesis. Its levels are controlled by the brain and pituitary gland. Once synthesized, testosterone moves through the blood to execute its diverse critical roles. In men, it is responsible for the modulation of fertility, bone mass, fat distribution, muscle size and strength, as well as the generation of red blood cells and sperm. Testosterone is required for the development of male sexual characteristics. Testosterone is also attributed to sex drive, bone density, and muscle strength in women. Excessive testosterone can lead to female baldness and infertility.

Product Precision

Typical