003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

F-TESTO (Free Testosterone) ELISA Kit

Cat #: G-EC-00070

Species: Universal

Sensitivity: 18.75pg/mL

Type: Competitive

Range: 31.25~2000pg/mL

Detection: Colormetric

Duration: 2.5h

Principle:
This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with F-TESTO. During the reaction, F-TESTO in samples or Standard competes with a fixed amount of F-TESTO on the solid phase supporter for sites on the Biotinylated Detection Ab specific to F-TESTO. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of F-TESTO in the samples is then determined by comparing the OD of the samples to the standard curve.

Specificity:
This kit recognizes F-TESTO in samples. No significant cross-reactivity or interference between F-TESTO and analogues was observed.

UniProt ID:

Gene: F-TESTO

Synonyms:

Specimen: Serum and plasma

Application: This ELISA kit applies to the in vitro quantitative determination of F-TESTO concentrations in Serum and plasma.

Research Areas: Epigenetics and Nuclear Signal, Signal transduction, Developmental biology

Storage:
An unopened kit can be stored at 2-8°C for 1 month. If the kit is not supposed to be used within 1 month, store the items separately according to the storage table in the manual once the kit is received.