

Product Datasheet

General Free Testosterone (F-Testo) ELISA Kit (orb1146748)

Catalog Number	orb1146748
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with FreeTestosterone(F-TESTO) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to FreeTestosterone(F-TESTO). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of FreeTestosterone(F-TESTO) in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	All
Concentration	2000 pg/mL
Application notes	standard: 2000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with F-TESTO protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to F-TESTO. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of F-TESTO in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h

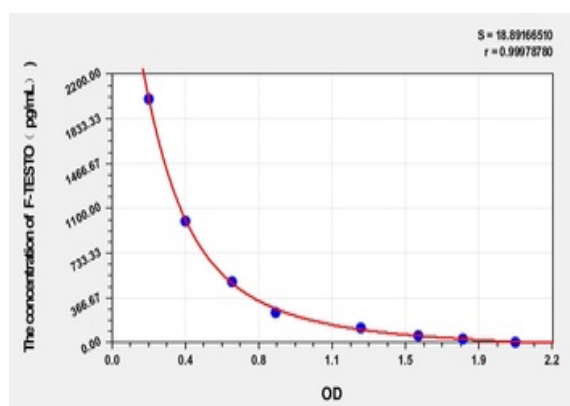
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Range	31.25-2000 pg/mL
Sensitivity	18.76 pg/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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