

Product Datasheet

Simian Testosterone (Testo) ELISA Kit (orb1736664)

Catalog Number orb1736664

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Simian Testo protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian 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 Simian Testo in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Primate

Range 0.32-20 ng/mL

Concentration 20 ng/mL

Note For research use only

Application notes standard: 20 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Simian Testo protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian 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 Simian Testo in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma, other biological fluids

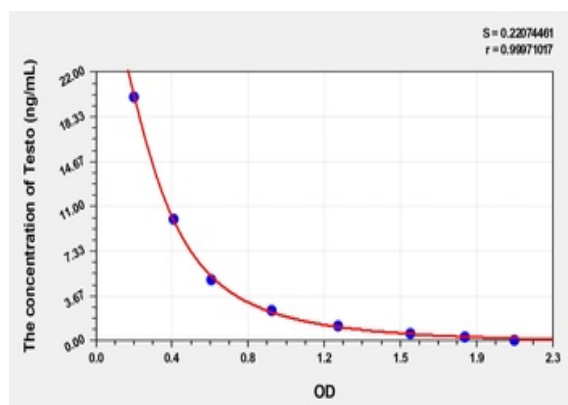
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Assay Time	2.5h
Sensitivity	0.11 ng/mL
Expiration Date	Please enquire.

**Biorbyt Ltd.**

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