

Product Datasheet

Goat Thyroxine (T4) ELISA Kit (orb1736588)

Catalog Number orb1736588

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Goat T4 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat T4. 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 Goat T4 in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Goat

Range 4.69-300 ng/mL

Concentration 300 ng/mL

Note For research use only

Application notes standard: 300 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 Goat T4 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat T4. 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 Goat T4 in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma and other biological fluids

Assay Time 2.5h

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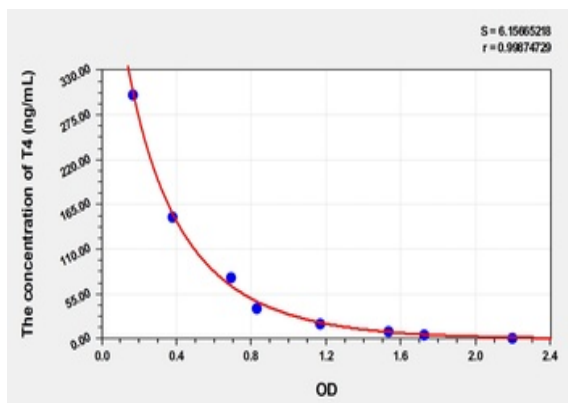
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Sensitivity 1.86 ng/mL

Expiration Date Please enquire.



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