

Product Datasheet

Rat fT4(Free Thyroxine) ELISA Kit (orb2817070)

Catalog Number	orb2817070
Description	Rat fT4(Free Thyroxine) ELISA Kit
Range	1.57-100 ng/mL
Note	For research use only
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat fT4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat fT4. 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 450nm \pm 10nm. The concentration of Rat fT4 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Time	2h
Sensitivity	0.61 ng/mL
Expiration Date	Please enquire.

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