

Product Datasheet

Rat TRH ELISA Kit (orb776471)

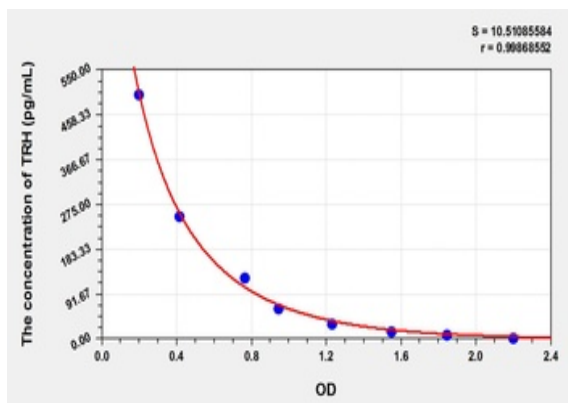
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Thyrotropin Releasing Hormone(TRH) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Thyrotropin Releasing Hormone(TRH).
Reactivity	Rat
Range	7.82-500 pg/mL
Tested Applications	ELISA
Concentration	500 pg/mL
Note	For research use only
Application notes	standard: 500 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 Rat TRH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TRH. 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 TRH 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
Uniprot ID	P01150
Sensitivity	2.52 pg/mL
Expiration Date	Please enquire.

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