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Product Datasheet

Rat Thyrotropin Releasing Hormone (TRH) ELISA Kit BYT-ORB776471

Article Name	Rat Thyrotropin Releasing Hormone (TRH) ELISA Kit
Biozol Catalog Number	BYT-ORB776471
Supplier Catalog Number	orb776471
Alternative Catalog Number	BYT-ORB776471-48, BYT-ORB776471-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product 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 pl...
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.52 pg/mL
UniProt	P01150
Samples	serum, plasma and other biological fluids

Application Notes

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 10nm. The concentration of Rat TRH in the samples is then determined by comparing the OD of the samples to the standard curve