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## Product Datasheet

### Rat TRH(Thyrotropin Releasing Hormone) ELISA Kit EBT-ELK2607

Article Name	Rat TRH(Thyrotropin Releasing Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK2607
Supplier Catalog Number	ELK2607
Alternative Catalog Number	EBT-ELK2607-96, EBT-ELK2607-48, EBT-ELK2607-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.52 pg/mL
UniProt	<a href="#">P01150</a>
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Endocrinology, Neuro science, Hepatology, Hormone metabolism,. 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. 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