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Product Datasheet

Human TRH(Thyrotropin Releasing Hormone) ELISA Kit EBT-ELK2641

Article Name	Human TRH(Thyrotropin Releasing Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK2641
Supplier Catalog Number	ELK2641
Alternative Catalog Number	EBT-ELK2641-96, EBT-ELK2641-48, EBT-ELK2641-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.7 pg/mL
UniProt	P20396
Samples	serum, plasma and other biological fluids

Application Notes	<p>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 Human TRH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human TRH in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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