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Product Datasheet

Human TSHR(Thyroid Stimulating Hormone Receptor) Microsample ELISA Kit EBT-ELK9187MS

Article Name	Human TSHR(Thyroid Stimulating Hormone Receptor) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK9187MS
Supplier Catalog Number	ELK9187MS
Alternative Catalog Number	EBT-ELK9187MS-96, EBT-ELK9187MS-48, EBT-ELK9187MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	11.4 pg/mL
UniProt	P16473
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology.. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human TSHR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TSHR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human TSHR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 TSHR in the samples is then determined by comparing the OD of the samples to the standard curve