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Product Datasheet

Human TSHR(Thyroid Stimulating Hormone Receptor) Microsample ELISA Kit BYT-ORB2997356

Article Name	Human TSHR(Thyroid Stimulating Hormone Receptor) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997356
Supplier Catalog Number	orb2997356
Alternative Catalog Number	BYT-ORB2997356-48,BYT-ORB2997356-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human TSHR(Thyroid Stimulating Hormone Receptor) Microsample ELISA Kit...
Range	31.25-2000 pg/mL
Sensitivity	11.4 pg/mL
UniProt	P16473
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Application Notes: 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