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Product Datasheet

Human dSIP(Delta-Sleep Inducing Peptide) ELISA Kit EBT-ELK1946

Article Name	Human dSIP(Delta-Sleep Inducing Peptide) ELISA Kit
Biozol Catalog Number	EBT-ELK1946
Supplier Catalog Number	ELK1946
Alternative Catalog Number	EBT-ELK1946-96, EBT-ELK1946-48, EBT-ELK1946-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1500 pg/mL
Range	23.44-1500 pg/mL
Sensitivity	7.49 pg/mL
Samples	Serum, plasma, other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Reproductive science, Neuro science, 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 dSIP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human dSIP. 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 dSIP in the samples is then determined by comparing the OD of the samples to the standard curve