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## Product Datasheet

### Human SYP(Synaptophysin) ELISA Kit EBT-ELK10857

Article Name	Human SYP(Synaptophysin) ELISA Kit
Biozol Catalog Number	EBT-ELK10857
Supplier Catalog Number	ELK10857
Alternative Catalog Number	EBT-ELK10857-96, EBT-ELK10857-96X5, EBT-ELK10857-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	10.34 pg/mL
UniProt	<a href="#">P08247</a>
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuroscience,. 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 SYP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SYP. 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 SYP, 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 SYP in the samples is then determined by comparing the OD of the samples to the standard curve