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Product Datasheet

Rat Synaptophysin (SYP) ELISA Kit BYT-ORB2667453

Article Name	Rat Synaptophysin (SYP) ELISA Kit
Biozol Catalog Number	BYT-ORB2667453
Supplier Catalog Number	orb2667453
Alternative Catalog Number	BYT-ORB2667453-48,BYT-ORB2667453-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Synaptophysin (SYP) ELISA Kit...
Range	31.25-2000 pg/mL
Sensitivity	10.94 pg/mL
UniProt	P07825
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 2000 pg/mL. 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 Rat SYP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat SYP in the samples is then determined by comparing the OD of the samples to the standard curve