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Product Datasheet

Rat Tau(Tau Proteins) ELISA Kit EBT-ELK10040

Article Name	Rat Tau(Tau Proteins) ELISA Kit
Biozol Catalog Number	EBT-ELK10040
Supplier Catalog Number	ELK10040
Alternative Catalog Number	EBT-ELK10040-96, EBT-ELK10040-96X5, EBT-ELK10040-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	15.6 pg/mL
UniProt	P19332
Samples	62.5-4000 pg/mL

Application Notes

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