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Product Datasheet

Rat Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit EBT-ELK4897

Article Name	Rat Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit
Biozol Catalog Number	EBT-ELK4897
Supplier Catalog Number	ELK4897
Alternative Catalog Number	EBT-ELK4897-96, EBT-ELK4897-48, EBT-ELK4897-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.75 pg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuro science,. 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 Ab1-42. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Ab1-42. 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 Ab1-42, 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 Ab1-42 in the samples is then determined by comparing the OD of the samples to the standard curve