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Product Datasheet

Rat bACE1(Beta-Site APP Cleaving Enzyme 1) ELISA Kit EBT-ELK3313

Article Name	Rat bACE1(Beta-Site APP Cleaving Enzyme 1) ELISA Kit
Biozol Catalog Number	EBT-ELK3313
Supplier Catalog Number	ELK3313
Alternative Catalog Number	EBT-ELK3313-96, EBT-ELK3313-48, EBT-ELK3313-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.7 pg/mL
UniProt	P56819
Samples	Serum, plasma, cerebrospinal fluid 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 bACE1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat bACE1. 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 bACE1, 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 bACE1 in the samples is then determined by comparing the OD of the samples to the standard curve