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## Product Datasheet

### Mouse bACE1(Beta-Site APP Cleaving Enzyme 1) ELISA Kit EBT-ELK3525

Article Name	Mouse bACE1(Beta-Site APP Cleaving Enzyme 1) ELISA Kit
Biozol Catalog Number	EBT-ELK3525
Supplier Catalog Number	ELK3525
Alternative Catalog Number	EBT-ELK3525-96, EBT-ELK3525-48, EBT-ELK3525-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	14.3 pg/mL
UniProt	<a href="#">P56818</a>
Samples	Serum, plasma, tissue homogenates, 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 Mouse bACE1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse bACE1 in the samples is then determined by comparing the OD of the samples to the standard curve