

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Mouse Ab1-42(Amyloid Beta Peptide 1-42) Microsample ELISA Kit EBT-ELK10615MS

Article Name	Mouse Ab1-42(Amyloid Beta Peptide 1-42) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK10615MS
Supplier Catalog Number	ELK10615MS
Alternative Catalog Number	EBT-ELK10615MS-96, EBT-ELK10615MS-48, EBT-ELK10615MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.34 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 Mouse Ab1-42. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse Ab1-42 in the samples is then determined by comparing the OD of the samples to the standard curve