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## Product Datasheet

### Mouse GAP43(Growth Associated Protein 43) Microsample ELISA Kit EBT-ELK3667MS

Article Name	Mouse GAP43(Growth Associated Protein 43) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK3667MS
Supplier Catalog Number	ELK3667MS
Alternative Catalog Number	EBT-ELK3667MS-96, EBT-ELK3667MS-48, EBT-ELK3667MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.105 ng/mL
UniProt	<a href="#">P06837</a>
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuroscience, Developmental 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 GAP43. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse GAP43. 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 GAP43, 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 GAP43 in the samples is then determined by comparing the OD of the samples to the standard curve