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Product Datasheet

Mouse BDNF(Brain Derived Neurotrophic Factor) ELISA Kit EBT-ELK10642

Article Name	Mouse BDNF(Brain Derived Neurotrophic Factor) ELISA Kit
Biozol Catalog Number	EBT-ELK10642
Supplier Catalog Number	ELK10642
Alternative Catalog Number	EBT-ELK10642-96, EBT-ELK10642-96X5, EBT-ELK10642-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.051 ng/mL
UniProt	P21237
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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