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Product Datasheet

Rat MFN1(Mitofusin 1) ELISA Kit EBT-ELK0353

Article Name	Rat MFN1(Mitofusin 1) ELISA Kit
Biozol Catalog Number	EBT-ELK0353
Supplier Catalog Number	ELK0353
Alternative Catalog Number	EBT-ELK0353-96, EBT-ELK0353-48, EBT-ELK0353-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.069 ng/mL
UniProt	Q8R4Z9
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuroscience,. 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 MFN1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MFN1. 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 MFN1, 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 MFN1 in the samples is then determined by comparing the OD of the samples to the standard curve