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Product Datasheet

Mouse MAP1LC3a(Microtubule Associated Protein 1 Light Chain 3 Alpha) ELISA Kit EBT-ELK9909

Article Name	Mouse MAP1LC3a(Microtubule Associated Protein 1 Light Chain 3 Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK9909
Supplier Catalog Number	ELK9909
Alternative Catalog Number	EBT-ELK9909-96, EBT-ELK9909-48, EBT-ELK9909-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	50 ng/mL
Range	0.78-50 ng/mL
Sensitivity	0.19 ng/mL
UniProt	Q91VR7
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 MAP1LC3a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MAP1LC3a. 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 MAP1LC3a, 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 MAP1LC3a in the samples is then determined by comparing the OD of the samples to the standard curve