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Product Datasheet

Mouse MAPK15(Mitogen Activated Protein Kinase 15) ELISA Kit EBT-ELK10087

Article Name	Mouse MAPK15(Mitogen Activated Protein Kinase 15) ELISA Kit
Biozol Catalog Number	EBT-ELK10087
Supplier Catalog Number	ELK10087
Alternative Catalog Number	EBT-ELK10087-96, EBT-ELK10087-48, EBT-ELK10087-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	46.52 pg/mL
UniProt	Q80Y86
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: Signal transduction, Metabolism,. 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 MAPK15. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MAPK15. 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 MAPK15, 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 MAPK15 in the samples is then determined by comparing the OD of the samples to the standard curve