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Product Datasheet

Rat NF-kappaB p105(Nuclear factor NF-kappa-B p105 subunit) Microsample ELISA Kit EBT-ELK5691MS

Article Name	Rat NF-kappaB p105(Nuclear factor NF-kappa-B p105 subunit) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK5691MS
Supplier Catalog Number	ELK5691MS
Alternative Catalog Number	EBT-ELK5691MS-96, EBT-ELK5691MS-48, EBT-ELK5691MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.114 ng/mL
UniProt	Q63369
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 NF-kappaBp105. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NF-kappaBp105. 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 NF-kappaBp105, 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 NF-kappaBp105 in the samples is then determined by comparing the OD of the samples to the standard curve