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Product Datasheet

Mouse CERK(Ceramide Kinase) ELISA Kit EBT-ELK9904

Article Name	Mouse CERK(Ceramide Kinase) ELISA Kit
Biozol Catalog Number	EBT-ELK9904
Supplier Catalog Number	ELK9904
Alternative Catalog Number	EBT-ELK9904-96, EBT-ELK9904-48, EBT-ELK9904-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	19.6 pg/mL
UniProt	Q8K4Q7
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

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