

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Mouse CAMK2gamma(Calcium/Calmodulin Dependent Protein Kinase II Gamma) ELISA Kit EBT-ELK0490

Article Name	Mouse CAMK2gamma(Calcium/Calmodulin Dependent Protein Kinase II Gamma) ELISA Kit
Biozol Catalog Number	EBT-ELK0490
Supplier Catalog Number	ELK0490
Alternative Catalog Number	EBT-ELK0490-96, EBT-ELK0490-48, EBT-ELK0490-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.081 ng/mL
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase. 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 CAMK2gamma. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CAMK2gamma. 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 CAMK2gamma, 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 CAMK2gamma in the samples is then determined by comparing the OD of the samples to the standard curve