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Product Datasheet

Rat PKCa(Protein Kinase C Alpha) ELISA Kit EBT-ELK5754

Artikelname	Rat PKCa(Protein Kinase C Alpha) ELISA Kit
Artikelnummer	EBT-ELK5754
Hersteller Artikelnummer	ELK5754
Alternativnummer	EBT-ELK5754-96, EBT-ELK5754-48, EBT-ELK5754-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.111 ng/mL
UniProt	P05696
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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