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Product Datasheet

Rat Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a) ELISA Kit BYT-ORB779997

Artikelname	Rat Calcium/Calmodulin Dependent Protein Kinase II Alpha (CAMK2a) ELISA Kit
Artikelnummer	BYT-ORB779997
Hersteller Artikelnummer	orb779997
Alternativnummer	BYT-ORB779997-48, BYT-ORB779997-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Calcium/Calmodulin Dependent Protein Kinase II Alpha(CAMK2a)...
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.057 ng/mL
UniProt	P11275
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10 ng/mL. 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 CAMK2a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CAMK2a. 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 CAMK2a, 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 CAMK2a in the samples is then determined by comparing the OD of the samples to the standard curve