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Product Datasheet

Rat PIK3Ca(Phosphoinositide-3-Kinase Catalytic Alpha Polypeptide) ELISA Kit **EBT-ELK9935**

Artikelname	Rat PIK3Ca(Phosphoinositide-3-Kinase Catalytic Alpha Polypeptide) ELISA Kit
Artikelnummer	EBT-ELK9935
Hersteller Artikelnummer	ELK9935
Alternativnummer	EBT-ELK9935-96, EBT-ELK9935-48, EBT-ELK9935-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	11.3 pg/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung	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 Rat PIK3Ca. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PIK3Ca. 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 PIK3Ca, 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 PIK3Ca in the samples is then determined by comparing the OD of the samples to the standard curve
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