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Product Datasheet

Rat PIK3C2a(Phosphoinositide-3-Kinase Class-2-Alpha Polypeptide) ELISA Kit **EBT-ELK0899**

Article Name	Rat PIK3C2a(Phosphoinositide-3-Kinase Class-2-Alpha Polypeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK0899
Supplier Catalog Number	ELK0899
Alternative Catalog Number	EBT-ELK0899-96, EBT-ELK0899-48, EBT-ELK0899-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.073 ng/mL
UniProt	A0A0G2K344
Samples	Tissue homogenates and other biological fluids.

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 PIK3C2a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PIK3C2a. 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 PIK3C2a, 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 PIK3C2a in the samples is then determined by comparing the OD of the samples to the standard curve
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