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Product Datasheet

Rat nAChR(Nicotinic Acetylcholine Receptor) ELISA Kit EBT-ELK9853

Artikelname	Rat nAChR(Nicotinic Acetylcholine Receptor) ELISA Kit
Artikelnummer	EBT-ELK9853
Hersteller Artikelnummer	ELK9853
Alternativnummer	EBT-ELK9853-96, EBT-ELK9853-48, EBT-ELK9853-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.059 ng/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids.

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