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Product Datasheet

Rat ProBDNF(Pro Brain Derived Neurotrophic Factor) ELISA Kit EBT-ELK10948

Artikelname	Rat ProBDNF(Pro Brain Derived Neurotrophic Factor) ELISA Kit
Artikelnummer	EBT-ELK10948
Hersteller Artikelnummer	ELK10948
Alternativnummer	EBT-ELK10948-96, EBT-ELK10948-96X5, EBT-ELK10948-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.071 ng/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: Cytokine, Infection immunity, 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 ProBDNF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ProBDNF. 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 ProBDNF, 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 ProBDNF in the samples is then determined by comparing the OD of the samples to the standard curve
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