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Product Datasheet

Human CACNa1B(Calcium Channel, Voltage Dependent, N-Type, Alpha 1B Subunit) ELISA Kit EBT-ELK4780

Artikelname	Human CACNa1B(Calcium Channel, Voltage Dependent, N-Type, Alpha 1B Subunit) ELISA Kit
Artikelnummer	EBT-ELK4780
Hersteller Artikelnummer	ELK4780
Alternativnummer	EBT-ELK4780-96, EBT-ELK4780-48, EBT-ELK4780-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.129 ng/mL
UniProt	Q00975
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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 Human CACNa1B. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CACNa1B. 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 Human CACNa1B, 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 Human CACNa1B in the samples is then determined by comparing the OD of the samples to the standard curve