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## Product Datasheet

### Mouse CACNa1F(Calcium Channel, Voltage Dependent, L-Type, Alpha 1F Subunit) ELISA Kit EBT-ELK6873

Artikelname	Mouse CACNa1F(Calcium Channel, Voltage Dependent, L-Type, Alpha 1F Subunit) ELISA Kit
Artikelnummer	EBT-ELK6873
Hersteller Artikelnummer	ELK6873
Alternativnummer	EBT-ELK6873-96, EBT-ELK6873-48, EBT-ELK6873-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.11 ng/mL
UniProt	<a href="#">Q9JIS7</a>
Proben	Tissue homogenates 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 Mouse CACNa1F. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CACNa1F. 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 Mouse CACNa1F, 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 Mouse CACNa1F in the samples is then determined by comparing the OD of the samples to the standard curve