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Product Datasheet

Rat TRPV4(Transient Receptor Potential Cation Channel Subfamily V, Member 4) ELISA Kit EBT-ELK0818

Artikelname	Rat TRPV4(Transient Receptor Potential Cation Channel Subfamily V, Member 4) ELISA Kit
Artikelnummer	EBT-ELK0818
Hersteller Artikelnummer	ELK0818
Alternativnummer	EBT-ELK0818-96, EBT-ELK0818-48, EBT-ELK0818-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	3000 pg/mL
Detektionsbereich	46.88-3000 pg/mL
Sensitivitaet	18.35 pg/mL
UniProt	Q9ERZ8
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 Rat TRPV4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TRPV4. 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 TRPV4, 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 TRPV4 in the samples is then determined by comparing the OD of the samples to the standard curve