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Product Datasheet

Human TRPV4(Transient Receptor Potential Cation Channel Subfamily V, Member 4) ELISA Kit EBT-ELK0233

Artikelname	Human TRPV4(Transient Receptor Potential Cation Channel Subfamily V, Member 4) ELISA Kit
Artikelnummer	EBT-ELK0233
Hersteller Artikelnummer	ELK0233
Alternativnummer	EBT-ELK0233-96, EBT-ELK0233-48, EBT-ELK0233-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.3 pg/mL
UniProt	Q9HBA0
Proben	serum, plasma, tissue homogenates, cell lysates, breast milk, cell culture supernates 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 TRPV4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human TRPV4 in the samples is then determined by comparing the OD of the samples to the standard curve