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Product Datasheet

Human HCN4(Hyperpolarization Activated Cyclic Nucleotide Gated Potassium Channel 4) ELISA Kit EBT-ELK5355

Artikelname	Human HCN4(Hyperpolarization Activated Cyclic Nucleotide Gated Potassium Channel 4) ELISA Kit
Artikelnummer	EBT-ELK5355
Hersteller Artikelnummer	ELK5355
Alternativnummer	EBT-ELK5355-96, EBT-ELK5355-48, EBT-ELK5355-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.121 ng/mL
UniProt	Q9Y3Q4
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 Human HCN4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HCN4. 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 HCN4, 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 HCN4 in the samples is then determined by comparing the OD of the samples to the standard curve