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Product Datasheet

Human PDE4D(Phosphodiesterase 4D, cAMP Specific) ELISA Kit EBT-ELK3945

Artikelname	Human PDE4D(Phosphodiesterase 4D, cAMP Specific) ELISA Kit
Artikelnummer	EBT-ELK3945
Hersteller Artikelnummer	ELK3945
Alternativnummer	EBT-ELK3945-96, EBT-ELK3945-48, EBT-ELK3945-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.11 ng/mL
UniProt	Q08499
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 PDE4D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PDE4D. 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 PDE4D, 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 PDE4D in the samples is then determined by comparing the OD of the samples to the standard curve