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Product Datasheet

Human EP2(Prostaglandin E Receptor 2) Microsample ELISA Kit EBT-ELK5036MS

Artikelname	Human EP2(Prostaglandin E Receptor 2) Microsample ELISA Kit
Artikelnummer	EBT-ELK5036MS
Hersteller Artikelnummer	ELK5036MS
Alternativnummer	EBT-ELK5036MS-96, EBT-ELK5036MS-48, EBT-ELK5036MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	29 pg/mL
UniProt	P43116
Proben	Tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Hormone metabolism,. 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 EP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human EP2. 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 EP2, 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 EP2 in the samples is then determined by comparing the OD of the samples to the standard curve