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Product Datasheet

Human TLR4(Toll Like Receptor 4) Microsample ELISA Kit EBT-ELK1777MS

Artikelname	Human TLR4(Toll Like Receptor 4) Microsample ELISA Kit
Artikelnummer	EBT-ELK1777MS
Hersteller Artikelnummer	ELK1777MS
Alternativnummer	EBT-ELK1777MS-96, EBT-ELK1777MS-48, EBT-ELK1777MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.117 ng/mL
UniProt	O00206
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Tumor immunity, Infection immunity, Pulmonology, . 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 TLR4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TLR4. 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 TLR4, 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 TLR4 in the samples is then determined by comparing the OD of the samples to the standard curve