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Product Datasheet

Cattle TLR4(Toll Like Receptor 4) ELISA Kit EBT-ELK5795

Artikelname	Cattle TLR4(Toll Like Receptor 4) ELISA Kit
Artikelnummer	EBT-ELK5795
Hersteller Artikelnummer	ELK5795
Alternativnummer	EBT-ELK5795-96, EBT-ELK5795-48, EBT-ELK5795-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.243 ng/mL
UniProt	Q9GL65
Proben	serum, plasma, tissue homogenates, cell lysates 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 Cattle TLR4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 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 Cattle 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 Cattle TLR4 in the samples is then determined by comparing the OD of the samples to the standard curve