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Product Datasheet

Cattle EP2(Prostaglandin E Receptor 2) ELISA Kit EBT-ELK9984

Artikelname	Cattle EP2(Prostaglandin E Receptor 2) ELISA Kit
Artikelnummer	EBT-ELK9984
Hersteller Artikelnummer	ELK9984
Alternativnummer	EBT-ELK9984-96, EBT-ELK9984-48, EBT-ELK9984-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	27.9 pg/mL
UniProt	Q95M51
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 Cattle EP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 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 Cattle 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 Cattle EP2 in the samples is then determined by comparing the OD of the samples to the standard curve
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