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Product Datasheet

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

Article Name	Cattle EP2(Prostaglandin E Receptor 2) ELISA Kit
Biozol Catalog Number	EBT-ELK9984
Supplier Catalog Number	ELK9984
Alternative Catalog Number	EBT-ELK9984-96, EBT-ELK9984-48, EBT-ELK9984-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	27.9 pg/mL
UniProt	Q95M51
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

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