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Product Datasheet

Cattle E2(Estradiol) ELISA Kit EBT-ELK10163

Article Name	Cattle E2(Estradiol) ELISA Kit
Biozol Catalog Number	EBT-ELK10163
Supplier Catalog Number	ELK10163
Alternative Catalog Number	EBT-ELK10163-96, EBT-ELK10163-48, EBT-ELK10163-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	14.42 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Endocrinology, Reproductive science, Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle E2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle E2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 E2 in the samples is then determined by comparing the OD of the samples to the standard curve