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Product Datasheet

Cattle Estrogen ELISA Kit EBT-ELK10936

Article Name	Cattle Estrogen ELISA Kit
Biozol Catalog Number	EBT-ELK10936
Supplier Catalog Number	ELK10936
Alternative Catalog Number	EBT-ELK10936-96, EBT-ELK10936-96X5, EBT-ELK10936-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	1000 pg/mL
Range	15.625-1000 pg/mL
Sensitivity	5.12 pg/mL
Samples	Serum, plasma, other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Reproductive science,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle Estrogen. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle Estrogen. 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 Estrogen in the samples is then determined by comparing the OD of the samples to the standard curve