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Product Datasheet

Cattle 17-Hydroxyprogesterone (17-OHP) ELISA Kit BYT-ORB782480

Article Name	Cattle 17-Hydroxyprogesterone (17-OHP) ELISA Kit
Biozol Catalog Number	BYT-ORB782480
Supplier Catalog Number	orb782480
Alternative Catalog Number	BYT-ORB782480-48, BYT-ORB782480-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 17-Hydroxyprogesterone(17-OHP) protein. Standards or samples are added to the appropriate microtiter plate ...
Concentration	20000 pg/mL
Range	312.5-20000 pg/mL
Sensitivity	88.5 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 20000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle 17-OHP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 17-OHP. 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 17-OHP in the samples is then determined by comparing the OD of the samples to the standard curve