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Product Datasheet

Cattle Beta-Endorphin (bEP) ELISA Kit BYT-ORB780991

Article Name	Cattle Beta-Endorphin (bEP) ELISA Kit
Biozol Catalog Number	BYT-ORB780991
Supplier Catalog Number	orb780991
Alternative Catalog Number	BYT-ORB780991-48, BYT-ORB780991-96
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 Beta-Endorphin(bEP) protein. Standards or samples are added to the appropriate microtiter plate wells then ...
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.71 pg/mL
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1000 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 bEP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle bEP. 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 bEP in the samples is then determined by comparing the OD of the samples to the standard curve