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Product Datasheet

Cattle Prolactin (PRL) ELISA Kit BYT-ORB782015

Article Name	Cattle Prolactin (PRL) ELISA Kit
Biozol Catalog Number	BYT-ORB782015
Supplier Catalog Number	orb782015
Alternative Catalog Number	BYT-ORB782015-48, BYT-ORB782015-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine
Product Description	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 Prolactin(PRL)....
Concentration	20 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.39 ng/mL
UniProt	P01239
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 200 ng/mL. 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 PRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PRL. 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 PRL, 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 PRL in the samples is then determined by comparing the OD of the samples to the standard curve