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Product Datasheet

Sheep Prolactin (PRL) ELISA Kit BYT-ORB2667444

Article Name	Sheep Prolactin (PRL) ELISA Kit
Biozol Catalog Number	BYT-ORB2667444
Supplier Catalog Number	orb2667444
Alternative Catalog Number	BYT-ORB2667444-48,BYT-ORB2667444-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Sheep
Product Description	Sheep Prolactin (PRL) ELISA Kit...
Range	0.79-50 ng/mL
Sensitivity	0.25 ng/mL
UniProt	P01240
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 50 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 Sheep PRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep 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 Sheep 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 Sheep PRL in the samples is then determined by comparing the OD of the samples to the standard curve