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Product Datasheet

Sheep Follicle Stimulating Hormone (FSH) ELISA Kit BYT-ORB782647

Article Name	Sheep Follicle Stimulating Hormone (FSH) ELISA Kit
Biozol Catalog Number	BYT-ORB782647
Supplier Catalog Number	orb782647
Alternative Catalog Number	BYT-ORB782647-48, BYT-ORB782647-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Sheep
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Follicle Stimulating Hormone(FSH) protein. Standards or samples are added to the appropriate microtiter pla...
Concentration	200 mIU/mL
Range	3.13-200 ng/mL
Sensitivity	1.032 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

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