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Product Datasheet

Sheep Progesterone (PG) ELISA Kit
BYT-ORB782670

Article Name	Sheep Progesterone (PG) ELISA Kit
Biozol Catalog Number	BYT-ORB782670
Supplier Catalog Number	orb782670
Alternative Catalog Number	BYT-ORB782670-48, BYT-ORB782670-96
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 Progesterone(PG) protein. Standards or samples are added to the appropriate microtiter plate wells then wit...
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.49 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes	Application Notes: standard: 100 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Sheep PG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep PG. 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 Sheep PG in the samples is then determined by comparing the OD of the samples to the standard curve