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Product Datasheet

Sheep Insulin Like Growth Factor 1 Receptor (IGF1R) ELISA Kit BYT-ORB1291344

Article Name	Sheep Insulin Like Growth Factor 1 Receptor (IGF1R) ELISA Kit
Biozol Catalog Number	BYT-ORB1291344
Supplier Catalog Number	orb1291344
Alternative Catalog Number	BYT-ORB1291344-48, BYT-ORB1291344-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Sheep
Product Description	Sheep IGF1R (Insulin Like Growth Factor 1 Receptor) ELISA Kit...
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.123 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 20 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 IGF1R. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep IGF1R. 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 IGF1R, 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 IGF1R in the samples is then determined by comparing the OD of the samples to the standard curve