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Product Datasheet

Sheep Growth Hormone (GH) ELISA Kit BYT-ORB782644

Article Name	Sheep Growth Hormone (GH) ELISA Kit
Biozol Catalog Number	BYT-ORB782644
Supplier Catalog Number	orb782644
Alternative Catalog Number	BYT-ORB782644-48, BYT-ORB782644-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Sheep
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 Growth Hormone(GH)....
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.14 ng/mL
UniProt	P67930
Samples	serum, plasma, tissue homogenates 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 GH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep GH. 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 GH, 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 GH in the samples is then determined by comparing the OD of the samples to the standard curve