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Product Datasheet

Cattle Bone Morphogenetic Protein Receptor 1A (BMPR1A) ELISA Kit BYT-ORB780935

Article Name	Cattle Bone Morphogenetic Protein Receptor 1A (BMPR1A) ELISA Kit
Biozol Catalog Number	BYT-ORB780935
Supplier Catalog Number	orb780935
Alternative Catalog Number	BYT-ORB780935-48, BYT-ORB780935-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine
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 Bone Morphogenetic Protein Receptor 1A(BMPR1A)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.52 ng/mL
Samples	Tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 100 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 Cattle BMPR1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle BMPR1A. 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 Cattle BMPR1A, 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 Cattle BMPR1A in the samples is then determined by comparing the OD of the samples to the standard curve