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Product Datasheet

Cattle NitricOxide Synthase 2, Inducible (NOS2/iNOS) ELISA Kit BYT-ORB782597

Article Name	Cattle NitricOxide Synthase 2, Inducible (NOS2/iNOS) ELISA Kit
Biozol Catalog Number	BYT-ORB782597
Supplier Catalog Number	orb782597
Alternative Catalog Number	BYT-ORB782597-48, BYT-ORB782597-96
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 Nitric Oxide Synthase 2, Inducible(NOS2)....
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.124 ng/mL
UniProt	Q27995
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 Cattle NOS2/iNOS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle NOS2/iNOS. 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 NOS2/iNOS, 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 NOS2/iNOS in the samples is then determined by comparing the OD of the samples to the standard curve