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Product Datasheet

Cattle PAG2(Pregnancy associated glycoprotein 2) ELISA Kit BYT-ORB3126858

Article Name	Cattle PAG2(Pregnancy associated glycoprotein 2) ELISA Kit
Biozol Catalog Number	BYT-ORB3126858
Supplier Catalog Number	orb3126858
Alternative Catalog Number	BYT-ORB3126858-48, BYT-ORB3126858-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Bovine
Product Description	Cattle PAG2(Pregnancy associated glycoprotein 2) ELISA Kit...
Range	0.32-20 ng/mL
Sensitivity	0.129 ng/mL
UniProt	Q28057
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: 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 PAG2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PAG2. 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 PAG2, 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 PAG2 in the samples is then determined by comparing the OD of the samples to the standard curve