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Product Datasheet

Pig Immunoglobulin M (IgM) ELISA Kit BYT-ORB781450

Article Name	Pig Immunoglobulin M (IgM) ELISA Kit
Biozol Catalog Number	BYT-ORB781450
Supplier Catalog Number	orb781450
Alternative Catalog Number	BYT-ORB781450-48, BYT-ORB781450-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Porcine
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 Immunoglobulin M(IgM)....
Concentration	2000 ng/mL
Range	31.25-2000 µg/mL
Sensitivity	14.3 ug/mL
Pubmed	38354511
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 2000 µg/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 Pig IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig IgM. 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 Pig IgM, 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 Pig IgM in the samples is then determined by comparing the OD of the samples to the standard curve