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Product Datasheet

Pig Cluster of Differentiation 14 (CD14) ELISA Kit BYT-ORB780847

Article Name	Pig Cluster of Differentiation 14 (CD14) ELISA Kit
Biozol Catalog Number	BYT-ORB780847
Supplier Catalog Number	orb780847
Alternative Catalog Number	BYT-ORB780847-48, BYT-ORB780847-96
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 Cluster Of Differentiation 14(CD14)....
Concentration	400 ng/mL
Range	6.25-400 ng/mL
Sensitivity	2.41 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 400 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 Pig CD14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig CD14. 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 CD14, 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 CD14 in the samples is then determined by comparing the OD of the samples to the standard curve