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Product Datasheet

Pig Apelin 17 (AP17) ELISA Kit BYT-ORB2667422

Article Name	Pig Apelin 17 (AP17) ELISA Kit
Biozol Catalog Number	BYT-ORB2667422
Supplier Catalog Number	orb2667422
Alternative Catalog Number	BYT-ORB2667422-48,BYT-ORB2667422-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Porcine
Product Description	Pig Apelin 17 (AP17) ELISA Kit...
Range	1.56-100 ng/mL
Sensitivity	0.72 ng/mL
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 100 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Pig AP17 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig AP17. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 AP17 in the samples is then determined by comparing the OD of the samples to the standard curve