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Product Datasheet

Pig Catalase (CAT) ELISA Kit BYT-ORB782569

Article Name	Pig Catalase (CAT) ELISA Kit
Biozol Catalog Number	BYT-ORB782569
Supplier Catalog Number	orb782569
Alternative Catalog Number	BYT-ORB782569-48, BYT-ORB782569-96
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 Catalase(CAT)...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.068 ng/mL
UniProt	O62839
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 10 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 CAT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig CAT. 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 CAT, 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 CAT in the samples is then determined by comparing the OD of the samples to the standard curve