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## Product Datasheet

### Pig Insulin Like Growth Factor Binding Protein 4 (IGFBP4) ELISA Kit BYT-ORB782069

Article Name	Pig Insulin Like Growth Factor Binding Protein 4 (IGFBP4) ELISA Kit
Biozol Catalog Number	BYT-ORB782069
Supplier Catalog Number	orb782069
Alternative Catalog Number	BYT-ORB782069-48, BYT-ORB782069-96
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 Insulin Like Growth Factor Binding Protein 4(IGFBP4)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.65 ng/mL
UniProt	<a href="#">P24854</a>
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 100 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 IGFBP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig IGFBP4. 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 IGFBP4, 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 IGFBP4 in the samples is then determined by comparing the OD of the samples to the standard curve