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## Product Datasheet

### Pig Peptide YY (PYY) ELISA Kit BYT-ORB781946

Article Name	Pig Peptide YY (PYY) ELISA Kit
Biozol Catalog Number	BYT-ORB781946
Supplier Catalog Number	orb781946
Alternative Catalog Number	BYT-ORB781946-48, BYT-ORB781946-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Porcine
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Peptide YY(PYY) protein. Standards or samples are added to the appropriate microtiter plate wells then with...
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.56 pg/mL
UniProt	<a href="#">P68005</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 1000 pg/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 PYY protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig PYY. 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 PYY in the samples is then determined by comparing the OD of the samples to the standard curve