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## Product Datasheet

### Pig Keratin 18 (KRT18) ELISA Kit BYT-ORB781895

Article Name	Pig Keratin 18 (KRT18) ELISA Kit
Biozol Catalog Number	BYT-ORB781895
Supplier Catalog Number	orb781895
Alternative Catalog Number	BYT-ORB781895-48, BYT-ORB781895-96
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 Keratin 18(KRT18)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
Samples	Serum, plasma, tissue homogenates, cell lysates 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 KRT18. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig KRT18. 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 KRT18, 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 KRT18 in the samples is then determined by comparing the OD of the samples to the standard curve