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Product Datasheet

Pig IGFBP1(Insulin Like Growth Factor Binding Protein 1) ELISA Kit EBT-ELK10680

Article Name	Pig IGFBP1(Insulin Like Growth Factor Binding Protein 1) ELISA Kit
Biozol Catalog Number	EBT-ELK10680
Supplier Catalog Number	ELK10680
Alternative Catalog Number	EBT-ELK10680-96, EBT-ELK10680-96X5, EBT-ELK10680-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	Q75ZP3
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Endocrinology, Cardiovascular biology,. 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 IGFBP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig IGFBP1. 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 IGFBP1, 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 IGFBP1 in the samples is then determined by comparing the OD of the samples to the standard curve