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Product Datasheet

Pig PYD(pyridinoline) ELISA Kit EBT-ELK9186

Article Name	Pig PYD(pyridinoline) ELISA Kit
Biozol Catalog Number	EBT-ELK9186
Supplier Catalog Number	ELK9186
Alternative Catalog Number	EBT-ELK9186-96, EBT-ELK9186-48, EBT-ELK9186-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	800 ng/mL
Range	12.5-800 ng/mL
Sensitivity	5.4 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Biochemical research. 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 PYD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig PYD. 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 PYD, 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 PYD in the samples is then determined by comparing the OD of the samples to the standard curve
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