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## Product Datasheet

### **Pig MYL1 (Myosin Light Chain 1, Alkali, Fast Skeletal) ELISA Kit EBT-ELK9890**

Article Name	Pig MYL1 (Myosin Light Chain 1, Alkali, Fast Skeletal) ELISA Kit
Biozol Catalog Number	EBT-ELK9890
Supplier Catalog Number	ELK9890
Alternative Catalog Number	EBT-ELK9890-96, EBT-ELK9890-48, EBT-ELK9890-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	8000 pg/mL
Range	125-8000 pg/mL
Sensitivity	54 pg/mL
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, 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 MYL1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig MYL1. 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 MYL1, 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 MYL1 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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