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## Product Datasheet

### Pig MYLK (Myosin Light Chain Kinase) ELISA Kit EBT-ELK9889

Article Name	Pig MYLK (Myosin Light Chain Kinase) ELISA Kit
Biozol Catalog Number	EBT-ELK9889
Supplier Catalog Number	ELK9889
Alternative Catalog Number	EBT-ELK9889-96, EBT-ELK9889-48, EBT-ELK9889-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.058 ng/mL
UniProt	<a href="#">P79280</a>
Samples	Tissue homogenates, cell lysates and other biological fluids

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