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Product Datasheet

Pig CASP3(Caspase 3) ELISA Kit EBT-ELK0837

Article Name	Pig CASP3(Caspase 3) ELISA Kit
Biozol Catalog Number	EBT-ELK0837
Supplier Catalog Number	ELK0837
Alternative Catalog Number	EBT-ELK0837-96, EBT-ELK0837-48, EBT-ELK0837-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.13 ng/mL
UniProt	Q95ND5
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Apoptosis, Tumor immunity, Infection immunity, . 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 CASP3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig CASP3. 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 CASP3, 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 CASP3 in the samples is then determined by comparing the OD of the samples to the standard curve
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