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Product Datasheet

Pig CASP1(Caspase 1) ELISA Kit EBT-ELK0838

Article Name	Pig CASP1(Caspase 1) ELISA Kit
Biozol Catalog Number	EBT-ELK0838
Supplier Catalog Number	ELK0838
Alternative Catalog Number	EBT-ELK0838-96, EBT-ELK0838-48, EBT-ELK0838-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	10.86 pg/mL
UniProt	Q9N2I1
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, 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 CASP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig CASP1. 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 CASP1, 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 CASP1 in the samples is then determined by comparing the OD of the samples to the standard curve