Product Datasheet

Pig Caspase 1 (CASP1) ELISA Kit (orb1736506)

Description	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.
Reactivity	Porcine
Range	31.25-2000 pg/mL
Concentration	2000 pg/mL
Note	For research use only
Application notes	standard: 2000 pg/mL. 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
Sample Types	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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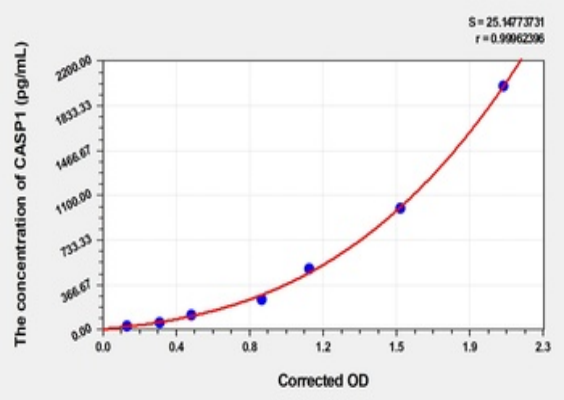
Assay Time	3.5h
Uniprot ID	**Q9N2I1**
Sensitivity	10.86 pg/mL
Expiration Date	Please enquire.



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