



## **Product Datasheet**

## Pig CASP1(Caspase 1) ELISA Kit (orb1736506)

**Description** The test principle applied in this kit is Sandwich

enzyme immunoassay. The microtiter plate

provided...

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  $450 \, \text{nm} \pm 10 \, \text{nm}$ . The concentration of Pig CASP1 in the samples is then determined by comparing the OD of the samples to the standard curve

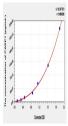
Sample Types tissue homogenates, cell lysates, cell culture

supernates and other biological fluids

Uniprot ID Q9N2I1

Sensitivity 11.25 pg/mL

**Expiration Date** Please enquire.



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