

## Pig Caspase-3 ELISA Kit | CASP3 elisa kit

Pig Caspase-3 ELISA Kit

CATALOG #  
**AAA310015**

REACTIVITY  
**Pig**

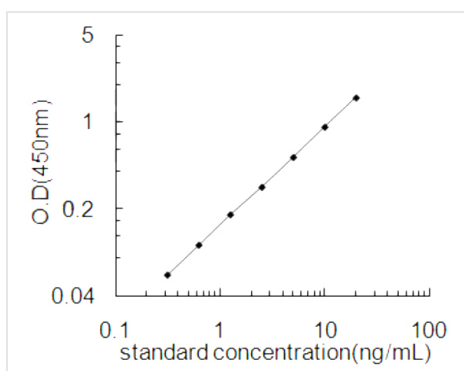
### PRODUCT SYNONYMS

Caspase-3; Pig Caspase-3 ELISA Kit; CASP-3; CASP3; 3.4.22.56; CASP3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                     |
| Specificity             | This assay recognizes recombinant and natural pig CASP-3. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids                               |
| Detection Range         | 0.31 ng/mL -20.0 ng/mL                                                                                                  |
| Assay Time              | 3-5h                                                                                                                    |
| Sample Volume           | 100T                                                                                                                    |
| Detection Wavelength    | 450 nm                                                                                                                  |
| Preparation and Storage | Store at 4 degree C                                                                                                     |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CASP3 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CASP-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for CASP-3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain CASP-3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of CASP-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of pig caspase-3,CASP-3 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                            |             |
|----------------------------|-------------|
| NCBI GI #                  | 47523066    |
| NCBI GeneID                | 397244      |
| NCBI Accession #           | NP_999296.1 |
| NCBI GenBank Nucleotide #  | NM_214131.1 |
| UniProt Accession #        | Q95ND5      |
| Molecular Weight           | 31,379 Da   |
| NCBI Official Full Name    | caspase-3   |
| NCBI Official Symbol       | CASP3       |
| NCBI Protein Information   | caspase-3   |
| UniProt Protein Name       | Caspase-3   |
| UniProt Gene Name          | CASP3       |
| UniProt Synonym Gene Names | CASP-3      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.