

## Chicken Caspase 11 ELISA Kit | CASP11 elisa kit

Chicken Caspase 11 ELISA Kit

CATALOG #  
**AAA89322**

REACTIVITY  
**Chicken**

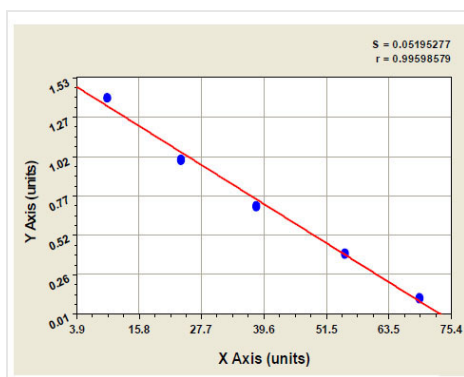
### PRODUCT SYNONYMS

Caspase 11; Chicken Caspase 11 ELISA Kit; CASP11 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                              |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                                          |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                           |
| Intended Uses           | This Caspase-11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken Caspase-11. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CASP11 elisa kit

**Principle of the assay:** Caspase-11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Caspase-11 antibody and an Caspase-11-HRP conjugate. The assay sample and buffer are incubated together with Caspase-11-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Caspase-11 concentration since Caspase-11 from samples and Caspase-11-HRP conjugate compete for the anti-Caspase-11 antibody binding site. Since the number of sites is limited, as more sites are occupied by Caspase-11 from the sample, fewer sites are left to bind Caspase-11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Caspase-11 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for CASP11 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 157743265                                                                                                                     |
| NCBI GeneID                      | 84433                                                                                                                         |
| NCBI Accession #                 | NP_115791.3                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_032415.5                                                                                                                   |
| Molecular Weight                 | 133,284 Da                                                                                                                    |
| NCBI Official Full Name          | caspase recruitment domain-containing protein 11                                                                              |
| NCBI Official Synonym Full Names | caspase recruitment domain family, member 11                                                                                  |
| NCBI Official Symbol             | CARD11                                                                                                                        |
| NCBI Official Synonym Symbols    | PPBL; BENTA; BIMP3; IMD11; CARMA1                                                                                             |
| NCBI Protein Information         | caspase recruitment domain-containing protein 11; carma 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3 |
| UniProt Protein Name             | Caspase recruitment domain-containing protein 11                                                                              |
| UniProt Gene Name                | <b>CARD11</b>                                                                                                                 |
| UniProt Synonym Gene Names       | CARMA1; Carma 1                                                                                                               |
| UniProt Entry Name               | CAR11_HUMAN                                                                                                                   |

**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.

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