

## Goat Caspase 14 ELISA Kit | Caspase-14 elisa kit

Goat Caspase 14 ELISA Kit

CATALOG #  
**AAA93190**

REACTIVITY  
**Goat**

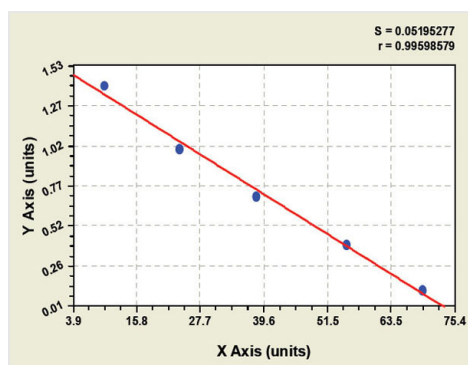
### PRODUCT SYNONYMS

Caspase 14; Goat Caspase 14 ELISA Kit; Caspase-14 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Goat                                                                       |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Caspase-14 elisa kit

**Intended Uses:** This CASP14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CASP14. This ELISA kit for research use only!

**Principle of the Assay:** CASP14 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CASP14 antibody and an CASP14-HRP conjugate. The assay sample and buffer are incubated together with CASP14-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 CASP14 concentration since CASP14 from samples and CASP14-HRP conjugate compete for the anti-CASP14 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASP14 from the sample, fewer sites are left to bind CASP14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASP14 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for Caspase-14 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6912286                                                                                                   |
| NCBI GeneID                      | 23581                                                                                                     |
| NCBI Accession #                 | NP_036246.1                                                                                               |
| NCBI GenBank Nucleotide #        | NM_012114.2                                                                                               |
| Molecular Weight                 | 27,680 Da                                                                                                 |
| NCBI Official Full Name          | caspase-14                                                                                                |
| NCBI Official Synonym Full Names | caspase 14, apoptosis-related cysteine peptidase                                                          |
| NCBI Official Symbol             | CASP14                                                                                                    |
| NCBI Protein Information         | caspase-14; CASP-14; apoptosis-related cysteine protease; caspase 14, apoptosis-related cysteine protease |
| UniProt Protein Name             | Caspase-14                                                                                                |
| UniProt Gene Name                | <b>CASP14</b>                                                                                             |
| UniProt Synonym Gene Names       | CASP-14                                                                                                   |
| UniProt Entry Name               | CASPE_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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Online datasheet: <https://stage.aaabiotech.com/caspase-14-goat-elisa-kits/caspase-14/93190>