

Rat Caspase-12 ELISA Kit | Casp12 elisa kit

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CATALOG #
AAA310018

REACTIVITY
Rat

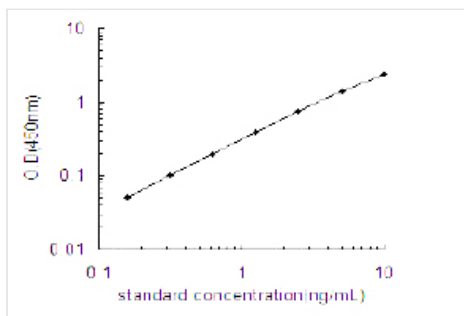
PRODUCT SYNONYMS

Caspase-12; Rat Caspase-12 ELISA Kit; CASP-12; Casp12; 3.4.22.-; Casp12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat CASP-12. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Casp12 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat caspase-12, CASP-12 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CASP-12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for CASP-12 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-12, 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-12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426852
NCBI GeneID	156117

NCBI Accession #	NP_569106.1
NCBI GenBank Nucleotide #	NM_130422.1
UniProt Accession #	Q920D5
Molecular Weight	47,837 Da
NCBI Official Full Name	caspase-12
NCBI Official Synonym Full Names	caspase 12
NCBI Official Symbol	Casp12
NCBI Protein Information	caspase-12
UniProt Protein Name	Caspase-12
UniProt Gene Name	Casp12
UniProt Synonym Gene Names	CASP-12

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/casp12-rat-elisa-kits/caspase-12/310018>