

Human Caspase-12 ELISA Kit | CASP12 elisa kit

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CATALOG #
AAA195679

REACTIVITY
Human

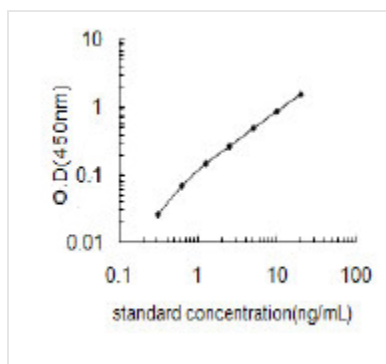
PRODUCT SYNONYMS

Caspase-12; Human Caspase-12 ELISA Kit; Homo sapiens; CASP12; CASP-12; UNQ9415/PRO34398; CASP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Inactive caspase-12
Sequence Length	341
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.12 ng/mL
Intra-assay Precision	Intra-Assay CV: <=3.8%
Inter-assay Precision	Inter-Assay CV: <=8.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 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 target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	617418490
NCBI GeneID	100506742
NCBI Accession #	NP_001177945.2
NCBI GenBank Nucleotide #	NM_001191016.2
UniProt Accession #	Q6UXS9; D6RBN7
Molecular Weight	29,399 Da
NCBI Official Full Name	inactive caspase-12
NCBI Official Synonym Full Names	caspase 12 (gene/pseudogene)
NCBI Official Symbol	CASP12
NCBI Official Synonym Symbols	CASP-12; CASP12P1
NCBI Protein Information	inactive caspase-12
UniProt Protein Name	Inactive caspase-12
UniProt Gene Name	CASP12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_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/casp12-human-elisa-kits/caspase-12/195679>