

Mouse Caspase-12 ELISA Kit | CASP12 elisa kit

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CATALOG #
AAA53014

REACTIVITY
Mouse

PRODUCT SYNONYMS

Caspase-12; Mouse Caspase-12 ELISA Kit; CASP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	485
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CASP12 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse CASP12 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116175428
NCBI GeneID	479458
NCBI Accession #	NP_001070704.1
NCBI GenBank Nucleotide #	NM_001077236.1
Molecular Weight	54,895 Da
NCBI Official Full Name	caspase-12
NCBI Official Symbol	CASP12
NCBI Official Synonym Symbols	Caspase-12
NCBI Protein Information	caspase-12; CASP-12

UniProt Protein Name	Caspase-12
UniProt Gene Name	CASP-12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_CANFA

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://www.aaabiotech.com/mouse-elisa-kits/caspase-12/53014>