

Mouse Caspase-12 ELISA Kit | Casp12 elisa kit

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CATALOG #
AAA97946

REACTIVITY
Mouse

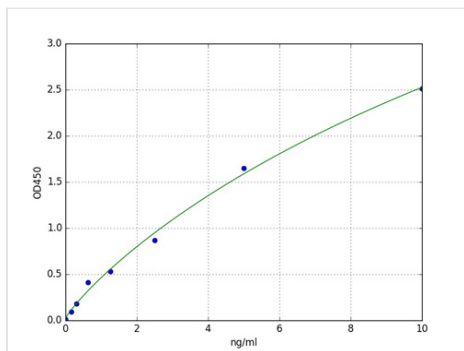
PRODUCT SYNONYMS

Caspase-12; Mouse Caspase-12 ELISA Kit; Casp12/CASP-12/Caspase-12; Casp12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	485
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Casp12 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.093	0.149	0.191	0.327	0.516	0.957	1.566	2.102

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Casp12 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Casp12 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Casp12 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Casp12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Casp12 can be calculated.

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/casp12-mouse-elisa-kits/caspase-12/97946>