

Mouse Caspase 7 ELISA Kit | CASP7 elisa kit

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CATALOG #
AAA87689

REACTIVITY
Mouse

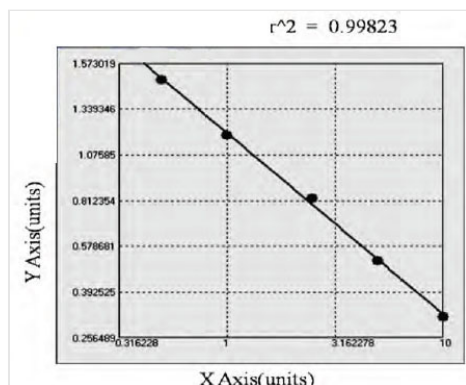
PRODUCT SYNONYMS

Caspase 7; Mouse Caspase 7 ELISA Kit; CASP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Caspase-7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Caspase-7. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP7 elisa kit

Principle of the Assay: Caspase-7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Caspase-7 antibody and an Caspase-7-HRP conjugate. The assay sample and buffer are incubated together with Caspase-7-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 Caspase-7 concentration since Caspase-7 from samples and Caspase-7-HRP conjugate compete for the anti-Caspase-7 antibody binding site. Since the number of sites is limited, as more sites are occupied by Caspase-7 from the sample, fewer sites are left to bind Caspase-7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Caspase-7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55962068
UniProt Accession #	Q5SVL1
Molecular Weight	24,624 Da
UniProt Protein Name	Caspase-7
UniProt Gene Name	CASP7
UniProt Entry Name	Q5SVL1_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/casp7-mouse-elisa-kits/caspase-7/87689>