Mouse Caspase 9 (CASP9) ELISA Kit | CASP9 elisa kit

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CATALOG #	REACTIVITY
AAA64561	**Mouse**

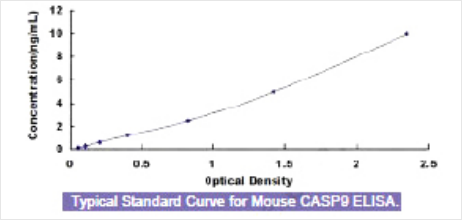
PRODUCT SYNONYMS

Caspase 9 (CASP9); Mouse Caspase 9 (CASP9) ELISA Kit; APAF3; ICE-LAP6; MCH6; Apoptosis-Related Cysteine Peptidase; Cysteinyl Aspartate Specific Proteinases 9; Apoptotic protease-activating factor 3; ICE-like apoptotic protease 6; CASP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP9. No significant cross-reactivity or interference between CASP9 and analogues was observed.
Sequence Length	454
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CASP9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CASP9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP9 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CASP9 in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CASP9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CASP9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CASP9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CASP9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31560479
NCBI GeneID	12371
NCBI Accession #	NP_056548.2
NCBI GenBank Nucleotide #	NM_015733.5
UniProt Accession #	Q8C3Q9
Molecular Weight	49,979 Da
NCBI Official Full Name	caspase-9 isoform 1
NCBI Official Synonym Full Names	caspase 9
NCBI Official Symbol	Casp9
NCBI Official Synonym Symbols	Mch6; APAF-3; CASP-9; AI115399; AW493809; ICE-LAP6; Caspase-9
NCBI Protein Information	caspase-9
UniProt Protein Name	Caspase-9
UniProt Gene Name	**Casp9**
UniProt Synonym Gene Names	Mch6; CASP-9; APAF-3; ICE-LAP6

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-9-casp9/64561