

Mouse caspase 3, apoptosis-related cysteine peptidase ELISA Kit | CASP3 elisa kit

Mouse Caspase 3, Casp-3 ELISA Kit

CATALOG #
AAA80029

REACTIVITY
Mouse

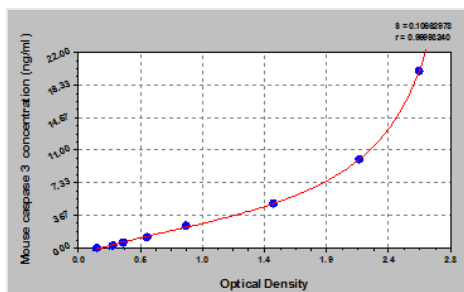
PRODUCT SYNONYMS

caspase 3; apoptosis-related cysteine peptidase; Mouse Caspase 3; Casp-3 ELISA Kit; CPP32; CPP32B; SCA-1; PARP cleavage protease; SREBP cleavage activity 1; Yama; apopain; apoptosis-related cysteine protease; cysteine protease CPP32; procaspase3; CASP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse Casp-3. No significant cross-reactivity or interference between mouse Casp-3 and analogues was observed.
Sequence Length	277
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP3 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Casp-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Casp-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Casp-3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Casp-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	549806822
NCBI GeneID	12367
NCBI Accession #	NP_001271338.1
NCBI GenBank Nucleotide #	NM_001284409.1
UniProt Accession #	P70677; O08668; Q8CHV5; Q9QWI4
Molecular Weight	31,475 Da
NCBI Official Full Name	caspase-3
NCBI Official Synonym Full Names	caspase 3
NCBI Official Symbol	Casp3
NCBI Official Synonym Symbols	CC3; AC-3; Lice; Yama; mldy; CPP32; SCA-1; CASP-3; CPP-32; Apopain; Caspase-3; A830040C14Rik
NCBI Protein Information	caspase-3; protein Yama; cysteine protease CPP32; SREBP cleavage activity 1; caspase 3, apoptosis related cysteine protease
UniProt Protein Name	Caspase-3
UniProt Gene Name	Casp3
UniProt Synonym Gene Names	Cpp32; CASP-3; CPP-32; SCA-1
UniProt Entry Name	CASP3_MOUSE

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/casp3-mouse-elisa-kits/caspase-3-apoptosis-related-cysteine-peptidase/80029>