

Mouse Caspase 3 (CASP3) ELISA Kit | CASP3 elisa kit

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CATALOG #
AAA63978

REACTIVITY
Mouse

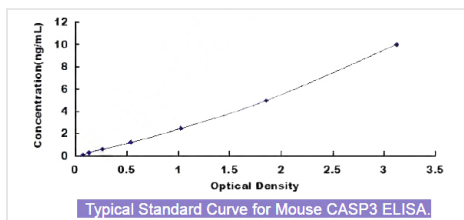
PRODUCT SYNONYMS

Caspase 3 (CASP3); Mouse Caspase 3 (CASP3) ELISA Kit; CPP32 CPP32B SCA1 Apoptain Yama Apoptosis-Related Cysteine Peptidase CysteinyI Aspartate Specific Proteinases 3 SREBP cleavage activity 1; CASP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP3. No significant cross-reactivity or interference between CASP3 and analogues was observed.
Sequence Length	277
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CASP3 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 CASP3 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 CASP3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CASP3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CASP3. 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 CASP3, 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 CASP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CASP3 in mouse tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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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; Caspase-3; A830040C14Rik
NCBI Protein Information	caspase-3
UniProt Protein Name	Caspase-3
UniProt Gene Name	Casp3
UniProt Synonym Gene Names	Cpp32; CASP-3; CPP-32; SCA-1

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.