

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

Rat Caspase 3, Casp-3 ELISA Kit

CATALOG #
AAA79592

REACTIVITY
Rat

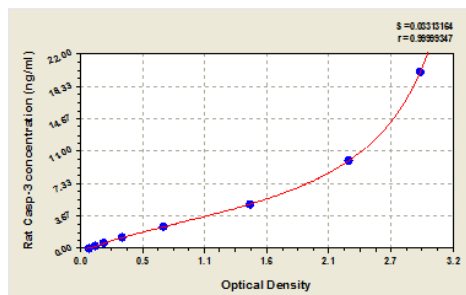
PRODUCT SYNONYMS

caspase 3; apoptosis-related cysteine peptidase; Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Casp-3. No significant cross-reactivity or interference between rat Casp-3 and analogues was observed.
Sequence Length	277
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative 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 #	126723382
NCBI GeneID	100008840
NCBI Accession #	NP_001075586.1
NCBI GenBank Nucleotide #	NM_001082117.1
UniProt Accession #	Q8MJC3
Molecular Weight	31,653 Da
NCBI Official Full Name	caspase-3
NCBI Official Symbol	CASP3
NCBI Protein Information	caspase-3; CASP-3; apopain; cysteine protease CPP32
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Synonym Gene Names	CASP-3
UniProt Entry Name	CASP3_RABIT

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-rat-elisa-kits/caspase-3-apoptosis-related-cysteine-peptidase/79592>