

Rat Cleaved-Caspase 3, Casp-3 ELISA Kit | Casp-3 elisa kit

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CATALOG #
AAA123427

REACTIVITY
Rat

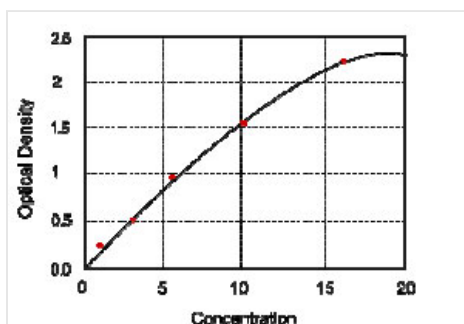
PRODUCT SYNONYMS

Cleaved-Caspase 3; Casp-3; Rat Cleaved-Caspase 3; Casp-3 ELISA Kit; Casp-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	277
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	13.17ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Casp-3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cleaved-Caspase 3 (also known as Casp-3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Casp-3 antibody. Casp-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Casp-3 Antibody is added and binds to Casp-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Casp-3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Casp-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523066
NCBI GeneID	397244
NCBI GenBank Nucleotide #	NP_999296.1
UniProt Accession #	Q95ND5
NCBI Official Full Name	caspase-3
NCBI Official Symbol	CASP3
NCBI Protein Information	caspase-3
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Entry Name	CASP3_PIG

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/rat-elisa-kits/cleaved-caspase-3-casp-3/123427>