

Rat CASP12 ELISA Kit | CASP12 elisa kit

Rat CASP12 (Caspase 12) ELISA Kit

CATALOG #
AAA163687

REACTIVITY
Rat

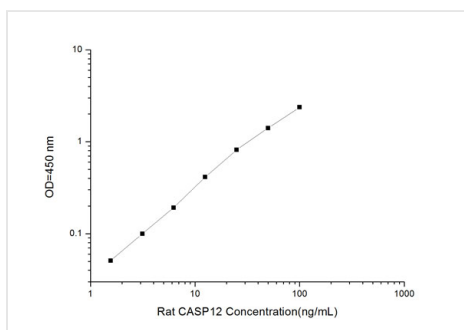
PRODUCT SYNONYMS

CASP12; Rat CASP12 (Caspase 12) ELISA Kit; CASP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat CASP12 in samples. No significant cross-reactivity or interference between Rat CASP12 and analogues was observed.
Sequence Length	420
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat CASP12 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat CASP12 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP12 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CASP12 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CASP12. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat CASP12 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CASP12, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CASP12. You can calculate the concentration of Rat CASP12 in the samples by comparing the OD of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426852
NCBI GeneID	156117
NCBI Accession #	NP_569106.1
NCBI GenBank Nucleotide #	NM_130422.1
UniProt Accession #	Q920D5
Molecular Weight	47,837 Da
NCBI Official Full Name	caspase-12
NCBI Official Synonym Full Names	caspase 12
NCBI Official Symbol	Casp12
NCBI Protein Information	caspase-12; CASP-12
UniProt Protein Name	Caspase-12
UniProt Gene Name	Casp12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/casp12/163687>