

Rat CASP4 ELISA Kit | CASP4 elisa kit

Rat CASP4 (Caspase 4) ELISA Kit

CATALOG #
AAA164601

REACTIVITY
Rat

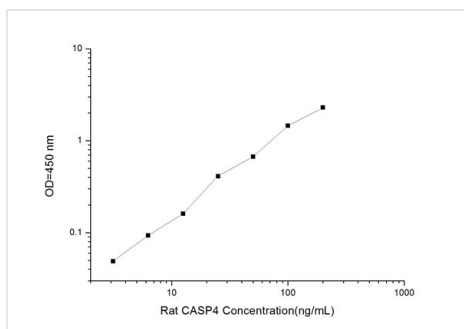
PRODUCT SYNONYMS

CASP4; Rat CASP4 (Caspase 4) ELISA Kit; CASP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CASP4. No significant cross-reactivity or interference between Rat CASP4 and analogues was observed.
Sequence Length	321
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP4 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CASP4 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CASP4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CASP4 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CASP4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 CASP4. You can calculate the concentration of CASP4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451910
NCBI GeneID	837
NCBI Accession #	NP_150649.1
NCBI GenBank Nucleotide #	NM_033306.2
UniProt Accession #	P49662; A2NHL8; A2NHMO
Molecular Weight	36,705 Da
NCBI Official Full Name	caspase-4 isoform gamma
NCBI Official Synonym Full Names	caspase 4, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	TX; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II
NCBI Protein Information	caspase-4; CASP-4; ICE(rel)-II; apoptotic cysteine protease Mih1/TX; caspase 4, apoptosis-related cysteine protease; protease ICH-2; protease TX
UniProt Protein Name	Caspase-4
UniProt Gene Name	CASP4
UniProt Synonym Gene Names	ICH2; CASP-4
UniProt Entry Name	CASP4_HUMAN

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.