

Human CASP4 ELISA Kit | CASP4 elisa kit

Human CASP4 (Caspase 4) ELISA Kit

CATALOG #
AAA163449

REACTIVITY
Human

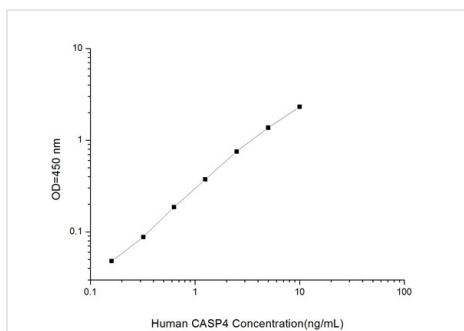
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CASP4. No significant cross-reactivity or interference between Human CASP4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human CASP4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	321
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP4 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CASP4 in human 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 Human CASP4. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human 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 Human 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 Human CASP4. You can calculate the concentration of Human 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.