

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

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CATALOG #
AAA43057

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	321
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
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 CASP4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Caspase 4 (also known as CASP4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CASP4 antibody. CASP4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CASP4 Antibody is added and binds to CASP4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CASP4 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 Human CASP4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451910
NCBI GeneID	837
NCBI Accession #	NP_150649.1
NCBI GenBank Nucleotide #	NM_033306.2
UniProt Accession #	P49662; O95601; Q7KYYX7; Q9UG96; A2NHL8; A2NHL9; A2NHM0; B3KPZ9; B4DJH5; B4E2D2
Molecular Weight	36,705 Da
NCBI Official Full Name	caspase-4 isoform gamma
NCBI Official Synonym Full Names	caspase 4
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	TX; Mih1; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II
NCBI Protein Information	caspase-4
UniProt Protein Name	Caspase-4
UniProt Gene Name	CASP4
UniProt Synonym Gene Names	ICH2; ICH-21 PublicationManual assertion based on opinion iniRef.3

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/human-elisa-kits/caspase-4-casp4/43057>