

Human Caspase 5 (CASP5) ELISA Kit | CASP5 elisa kit

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CATALOG #
AAA42575

REACTIVITY
Human

PRODUCT SYNONYMS

Caspase 5 (CASP5); Human Caspase 5 (CASP5) ELISA Kit; CASP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	447
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.023ng/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 CASP5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Caspase 5 (also known as CASP5) 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 CASP5 antibody. CASP5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CASP5 Antibody is added and binds to CASP5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CASP5 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 CASP5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209870079
NCBI GeneID	838
NCBI Accession #	NP_001129584.1
NCBI GenBank Nucleotide #	NM_001136112.2
UniProt Accession #	P51878; Q0QVY7; Q0QVY8; Q0QVZ0; Q0QVZ1; Q0QVZ2; Q14DD6; Q1HBJ3; Q6DJV7; B4DKP5
Molecular Weight	43,261 Da
NCBI Official Full Name	caspase-5 isoform f
NCBI Official Synonym Full Names	caspase 5
NCBI Official Symbol	CASP5
NCBI Official Synonym Symbols	ICH-3; ICEREL-III; ICE(rel)III
NCBI Protein Information	caspase-5
UniProt Protein Name	Caspase-5
UniProt Gene Name	CASP5
UniProt Synonym Gene Names	ICH3; CASP-5

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/human-elisa-kits/caspase-5-casp5/42575>