

Human Interleukin 1beta converting enzyme, Caspase-1/ICE ELISA Kit | CASP1 elisa kit

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CATALOG #
AAA42380

REACTIVITY
Human

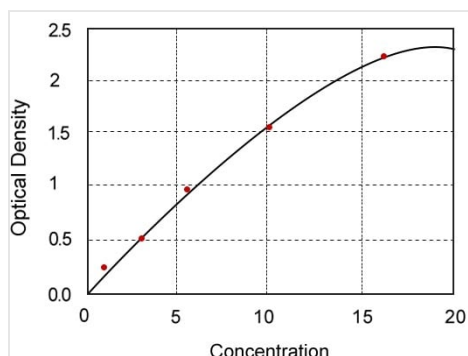
PRODUCT SYNONYMS

Interleukin 1beta converting enzyme; Caspase-1/ICE; Human Interleukin 1beta converting enzyme; Caspase-1/ICE ELISA Kit; CASP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	405
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.026ng/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 CASP1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 1Beta Converting Enzyme (also known as ICE) 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 ICE antibody. ICE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ICE Antibody is added and binds to ICE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ICE 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 ICE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126352357
NCBI GeneID	100033888
NCBI Accession #	NP_001075311.1
NCBI GenBank Nucleotide #	NM_001081842.1
UniProt Accession #	Q9TV13
Molecular Weight	45,331 Da
NCBI Official Full Name	caspase-1
NCBI Official Synonym Full Names	caspase 1
NCBI Official Symbol	CASP1
NCBI Protein Information	caspase-1
UniProt Protein Name	Caspase-1
UniProt Gene Name	CASP1
UniProt Synonym Gene Names	IL1BC; CASP-1; IL-1BC; ICE; IL-1 beta-converting enzyme

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/interleukin-1beta-converting-enzyme-caspase-1-ice/42380>