

Human Caspase 1 (CASP1) ELISA Kit | CASP1 elisa kit

Human Caspase 1 (CASP1) ELISA Kit

CATALOG #
AAA43261

REACTIVITY
Human

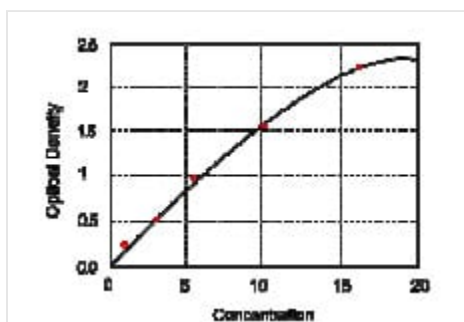
PRODUCT SYNONYMS

Caspase 1 (CASP1); Human Caspase 1 (CASP1) ELISA Kit; CASP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	383
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-15ng/ml
Sensitivity	0.018ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Carnosine Dipeptidase1 (also known as CNDP1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CNDP1 antibody. CNDP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CNDP1 Antibody is added and binds to CNDP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CNDP1 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 CNDP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	380254459
NCBI GeneID	834
NCBI Accession #	NP_001244048.1
NCBI GenBank Nucleotide #	NM_001257119.2
UniProt Accession #	P29466; Q53EY6; Q6DMQ1; Q6GSS3; Q6PI75; Q9UCN3; B5MDZ1
Molecular Weight	42,888 Da
NCBI Official Full Name	caspase-1 isoform beta
NCBI Official Synonym Full Names	caspase 1
NCBI Official Symbol	CASP1
NCBI Official Synonym Symbols	ICE; P45; IL1BC
NCBI Protein Information	caspase-1
UniProt Protein Name	Caspase-1
UniProt Gene Name	CASP1
UniProt Synonym Gene Names	IL1BC; IL1BCE; 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.

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-1-casp1/43261>