

Human Caspase 10 ELISA Kit | CASP10 elisa kit

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CATALOG #
AAA102231

REACTIVITY
Human

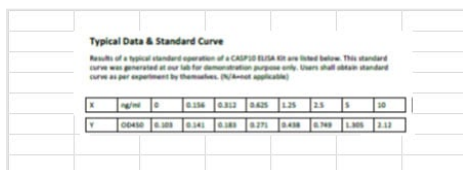
PRODUCT SYNONYMS

Caspase 10; Human Caspase 10 ELISA Kit; CASP10/FLICE2/Mch4/Apoptotic protease Mch-4/CASP-10/caspase 10; apoptosis-related cysteine peptidase/caspase 10; apoptosis-related cysteine protease/caspase-10/FADD-like ICE2/FAS-associated death domain protein interleukin-1B-converting enzyme 2/FLICE2/ICE-like apoptotic protease 4/interleukin-1B-converting enzyme 2/MCH4ALPS2; CASP10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP10. No significant cross-reactivity or interference between CASP10 and analogues was observed.
Sequence Length	478
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CASP10 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CASP10 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP10 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CASP10 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CASP10 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CASP10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CASP10 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419841
NCBI GeneID	843
UniProt Accession #	Q92851; Q68HC0; Q6KF62; Q6KF63; Q8IUP5; Q8WYQ8; Q99845; Q9Y2U6; Q9Y2U7
Molecular Weight	28,364 Da
NCBI Official Full Name	caspase 10
NCBI Official Synonym Full Names	caspase 10
NCBI Official Symbol	CASP10
NCBI Official Synonym Symbols	MCH4; ALPS2; FLICE2
NCBI Protein Information	caspase-10
UniProt Protein Name	Caspase-10
UniProt Gene Name	CASP10
UniProt Synonym Gene Names	MCH4; CASP-10; FLICE2
UniProt Entry Name	CASPA_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.

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Online datasheet: <https://stage.aaabiotech.com/casp10-human-elisa-kits/caspase-10/102231>