

Human CASP10 ELISA Kit | CASP10 elisa kit

Human CASP10 (Caspase 10) ELISA Kit

CATALOG #
AAA165500

REACTIVITY
Human

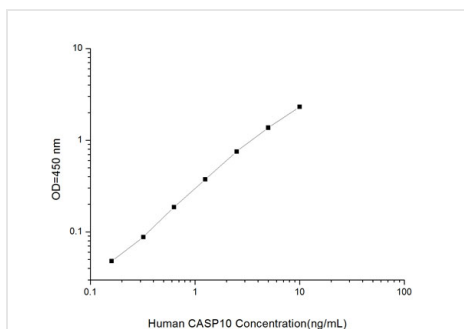
PRODUCT SYNONYMS

CASP10; Human CASP10 (Caspase 10) ELISA Kit; CASP10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human CASP10. No significant cross-reactivity or interference between Human CASP10 and analogues was observed.
Sequence Length	478
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP10 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanCASP10concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CASP10. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CASP10and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CASP10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CASP10.You can calculate the concentration of CASP10in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	330864684
NCBI GeneID	843
NCBI Accession #	NP_001193471.1
NCBI GenBank Nucleotide #	NM_001206542.1
UniProt Accession #	Q92851; Q68HC0; Q6KF62; Q6KF63; Q8IUP5; Q8WYQ8; Q99845; Q9Y2U6; Q9Y2U7
Molecular Weight	28,364 Da
NCBI Official Full Name	caspase-10 isoform 5 preproprotein
NCBI Official Synonym Full Names	caspase 10, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP10
NCBI Official Synonym Symbols	MCH4; ALPS2; FLICE2
NCBI Protein Information	caspase-10; CASP-10; FADD-like ICE2; FAS-associated death domain protein interleukin-1B-converting enzyme 2; ICE-like apoptotic protease 4; apoptotic protease MCH-4; caspase 10, apoptosis-related cysteine protease
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.