

Human Caspase 9 (CASP9) ELISA Kit | CASP9 elisa kit

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CATALOG #
AAA65488

REACTIVITY
Human

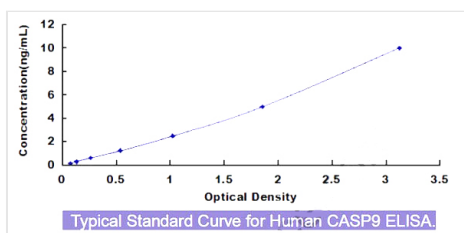
PRODUCT SYNONYMS

Caspase 9 (CASP9); Human Caspase 9 (CASP9) ELISA Kit; ACT-A2; ACTSA; Asma; CASP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP9. No significant cross-reactivity or interference between CASP9 and analogues was observed.
Sequence Length	416
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CASP9 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CASP9 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP9 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CASP9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CASP9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CASP9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CASP9 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CASP9 in human tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14790124
NCBI GeneID	842
NCBI Accession #	NP_001220.2
NCBI GenBank Nucleotide #	NM_001229.4
UniProt Accession #	P55211; O95348; Q53Y70; Q5JRU9; Q5UGI1; Q92852; Q9BQ62; Q9UEQ3; Q9UIJ8; B4E1A3
Molecular Weight	36,564 Da
NCBI Official Full Name	caspase-9 isoform alpha
NCBI Official Synonym Full Names	caspase 9
NCBI Official Symbol	CASP9
NCBI Official Synonym Symbols	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
NCBI Protein Information	caspase-9
UniProt Protein Name	Caspase-9
UniProt Gene Name	CASP9
UniProt Synonym Gene Names	MCH6; CASP-9; APAF-3; ICE-LAP6

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.