

Human CASP 9 ELISA Kit | CASP9 elisa kit

Human CASP 9 (Caspase 9) ELISA Kit

CATALOG #
AAA163927

REACTIVITY
Human

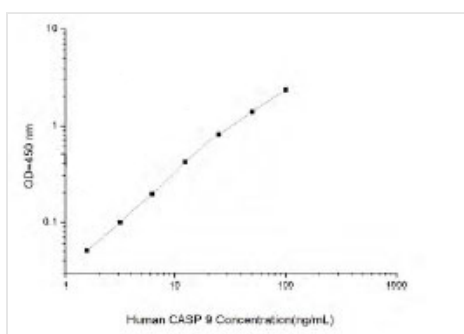
PRODUCT SYNONYMS

CASP 9; Human CASP 9 (Caspase 9) ELISA Kit; CASP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CASP 9 in samples. No significant cross-reactivity or interference between Human CASP 9 and analogues was observed.
Sequence Length	400
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CASP 9 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CASP 9 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP9 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CASP 9. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CASP 9 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CASP 9, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human CASP 9. You can calculate the concentration of Human CASP 9 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CASP 9 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225543173
NCBI GeneID	56693
NCBI Accession #	NP_064306.2
NCBI GenBank Nucleotide #	NM_019922.2
UniProt Accession #	Q9CYD3; O88698; Q8C8C5
Molecular Weight	46,169 Da
NCBI Official Full Name	cartilage-associated protein
NCBI Official Synonym Full Names	cartilage associated protein
NCBI Official Symbol	Crtap
NCBI Official Synonym Symbols	CASP; P3h5; Leprel3; 5730529N23Rik
NCBI Protein Information	cartilage-associated protein
UniProt Protein Name	Cartilage-associated protein
UniProt Gene Name	Crtap
UniProt Synonym Gene Names	Casp
UniProt Entry Name	CRTAP_MOUSE

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.