

Human Caspase 11 (CASP11) ELISA Kit | CASP11 elisa kit

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CATALOG #
AAA147431

REACTIVITY
Human

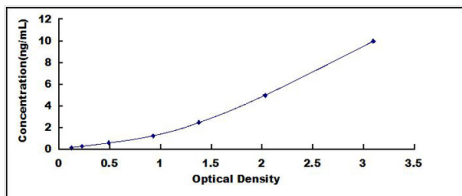
PRODUCT SYNONYMS

Caspase 11 (CASP11); Human Caspase 11 (CASP11) ELISA Kit; CASP11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Caspase 11 (CASP11). No significant cross-reactivity or interference between Caspase 11 (CASP11) and analogues was observed.
Sequence Length	1463
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Caspase 11 (CASP11) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Caspase 11 (CASP11) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP11 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Caspase 11 (CASP11). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Caspase 11 (CASP11). 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 Caspase 11 (CASP11), 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 Caspase 11 (CASP11) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CASP11 elisa kit	Signal transduction; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	117676384
NCBI GeneID	9169
NCBI Accession #	NP_004710.2
NCBI GenBank Nucleotide #	NM_004719.2
UniProt Accession #	Q99590; Q8IW59; A6NEU9; A6NLW5
Molecular Weight	128,875 Da
NCBI Official Full Name	protein SCAF11
NCBI Official Synonym Full Names	SR-related CTD associated factor 11
NCBI Official Symbol	SCAF11
NCBI Official Synonym Symbols	SIP1; CASP11; SFRS2IP; SRRP129; SRSF2IP
NCBI Protein Information	protein SCAF11
UniProt Protein Name	Protein SCAF11
UniProt Gene Name	SCAF11
UniProt Synonym Gene Names	CASP11; SFRS2IP; SIP1; SRSF2IP; SRrp129

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/human-elisa-kits/caspase-11-casp11/147431>