

Mouse CASP8-associated protein 2 (CASP8AP2) ELISA Kit | CASP8AP2 elisa kit

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CATALOG #
AAA246141

REACTIVITY
Mouse

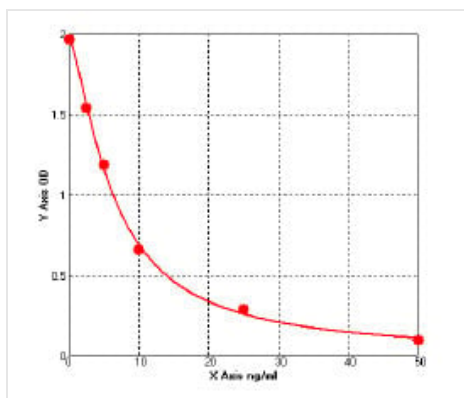
PRODUCT SYNONYMS

CASP8-associated protein 2 (CASP8AP2); Mouse CASP8-associated protein 2 (CASP8AP2) ELISA Kit; CASP8AP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP8AP2. No significant cross-reactivity or interference between CASP8AP2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CASP8AP2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP8AP2 elisa kit	Principle of the Assay: CASP8AP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CASP8AP2 antibody and an CASP8AP2-HRP conjugate. The assay sample and buffer are incubated together with CASP8AP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CASP8AP2 concentration since CASP8AP2 from samples and CASP8AP2-HRP conjugate compete for the anti-CASP8AP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASP8AP2 from the sample, fewer sites are left to bind CASP8AP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASP8AP2 concentration in each sample is interpolated from this standard curve. Intended Uses: This CASP8AP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CASP8AP2. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CASP8AP2 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	212549532
NCBI GeneID	9994
NCBI Accession #	NP_001131140.1
NCBI GenBank Nucleotide #	NM_001137668.1
Molecular Weight	222,658 Da
NCBI Official Full Name	CASP8-associated protein 2
NCBI Official Synonym Full Names	caspase 8 associated protein 2
NCBI Official Symbol	CASP8AP2
NCBI Official Synonym Symbols	CED-4; FLASH; RIP25
NCBI Protein Information	CASP8-associated protein 2; human FLASH; FLASH homolog RIP25; FLICE associated huge; CASP8 associated protein 2; FLICE-associated huge protein
UniProt Protein Name	CASP8-associated protein 2
UniProt Gene Name	CASP8AP2
UniProt Synonym Gene Names	FLASH; KIAA1315; RIP25
UniProt Entry Name	C8AP2_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/mouse-elisa-kits/casp8-associated-protein-2-casp8ap2/246141>