

Rat Caspase 8 Associated Protein 2 (CASP8AP2) ELISA Kit | CASP8AP2 elisa kit

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CATALOG #
AAA68259

REACTIVITY
Rat

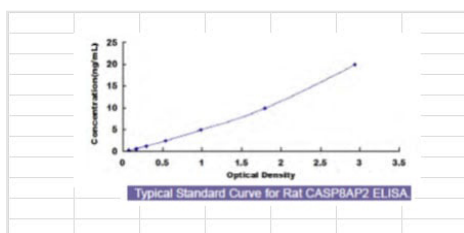
PRODUCT SYNONYMS

Caspase 8 Associated Protein 2 (CASP8AP2); Rat Caspase 8 Associated Protein 2 (CASP8AP2) ELISA Kit; CASP8AP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Sequence Length	1,962
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.136ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CASP8AP2 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 CASP8AP2 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 CASP8AP2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CASP8AP2 in rat tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CASP8AP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CASP8AP2. 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 CASP8AP2, 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 CASP8AP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157817294
NCBI GeneID	313128
NCBI Accession #	NP_001101391.1
NCBI GenBank Nucleotide #	NM_001107921.1
UniProt Accession #	D4A7V6
Molecular Weight	219,690 Da
NCBI Official Full Name	CASP8-associated protein 2
NCBI Official Synonym Full Names	caspase 8 associated protein 2
NCBI Official Symbol	Casp8ap2
NCBI Protein Information	CASP8-associated protein 2
UniProt Protein Name	Protein Casp8ap2
UniProt Gene Name	Casp8ap2

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/rat-elisa-kits/caspase-8-associated-protein-2-casp8ap2/68259>