

Rat Caspase 9 ELISA Kit | CASP9 elisa kit

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CATALOG #
AAA102415

REACTIVITY
Rat

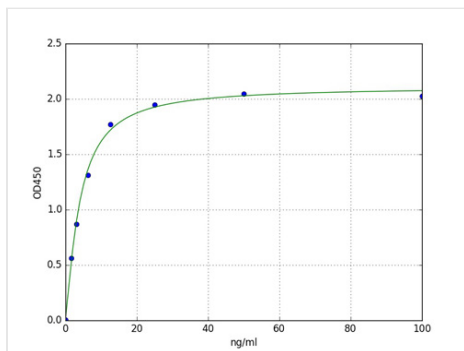
PRODUCT SYNONYMS

Caspase 9; Rat Caspase 9 ELISA Kit; CASP9/Caspase 9/Apoptotic protease Mch 6/p35/p10/Cas9/APAF-3/APAF3/apoptotic protease activating factor 3/Apoptotic protease Mch-6/Apoptotic protease-activating factor 3/CASP-9/apoptosis-related cysteine peptidase/caspase-9/ICE-LAP6/CASPASE-9c/ICE-like apoptotic protease 6/MCH6apoptosis-related cysteine protease; CASP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	399
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat CASP9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.356	0.871	1.472	1.761	2.360	1.611	2.034

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CASP9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CASP9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat CASP9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CASP9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148233858
NCBI GeneID	373560
NCBI Accession #	NP_001079035.1
NCBI GenBank Nucleotide #	NM_001085566.1
NCBI Official Full Name	caspase 9
NCBI Official Synonym Full Names	caspase 9
NCBI Official Symbol	casp9
NCBI Official Synonym Symbols	iCasp9; casp9-A; caspase9; xCaspase-9
NCBI Protein Information	caspase 9

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/casp9-rat-elisa-kits/caspase-9/102415>