

Rat Caspase 14 ELISA Kit | CASP14 elisa kit

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CATALOG #
AAA101180

REACTIVITY
Rat

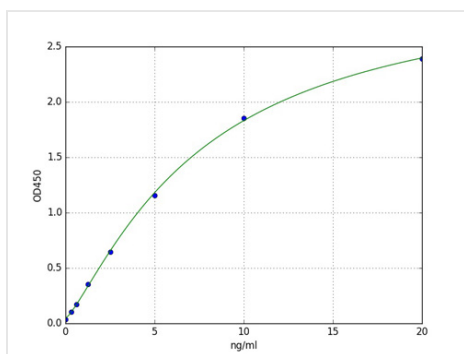
PRODUCT SYNONYMS

Caspase 14; Rat Caspase 14 ELISA Kit; CASP14/Caspase-14 (CASP-14)/CASP14/apoptosis-related cysteine protease/caspase 14; apoptosis-related cysteine peptidase/caspase 14; apoptosis-related cysteine protease/caspase-14/MICE; CASP14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	242
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 CASP14 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	signal	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.032	0.085	0.160	0.359	0.620	1.089	1.891	2.435

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP14 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CASP14 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CASP14 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 CASP14 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CASP14 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912286
NCBI GeneID	23581
NCBI Accession #	NP_036246.1
NCBI GenBank Nucleotide #	NM_012114.2
Molecular Weight	27,680 Da
NCBI Official Full Name	caspase-14
NCBI Official Synonym Full Names	caspase 14
NCBI Official Symbol	CASP14
NCBI Protein Information	caspase-14
UniProt Protein Name	Caspase-14
UniProt Gene Name	CASP14
UniProt Synonym Gene Names	CASP-14
UniProt Entry Name	CASPE_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/casp14-rat-elisa-kits/caspase-14/101180>