

Rat CASP14 ELISA Kit | CASP14 elisa kit

Rat CASP14 (Caspase 14) ELISA Kit

CATALOG #
AAA163564

REACTIVITY
Rat

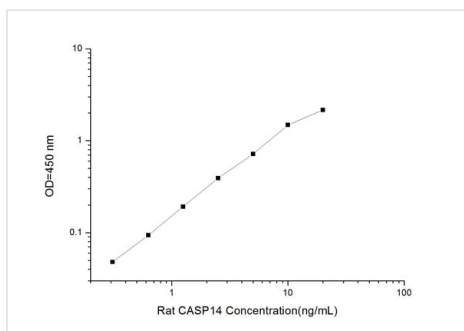
PRODUCT SYNONYMS

CASP14; Rat CASP14 (Caspase 14) ELISA Kit; CASP14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CASP14. No significant cross-reactivity or interference between Rat CASP14 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CASP14 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	242
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP14 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CASP14 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CASP14. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CASP14 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CASP14, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CASP14. You can calculate the concentration of Rat CASP14 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912286
NCBI GeneID	23581
NCBI Accession #	NP_036246.1
NCBI GenBank Nucleotide #	NM_012114.2
UniProt Accession #	P31944; O95823; Q3SYC9
Molecular Weight	27,680 Da
NCBI Official Full Name	caspase-14
NCBI Official Synonym Full Names	caspase 14, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP14
NCBI Protein Information	caspase-14; CASP-14; apoptosis-related cysteine protease; caspase 14, apoptosis-related cysteine protease
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://www.aaabiotech.com/rat-elisa-kits/casp14/163564>