

Canine Caspase 7 ELISA Kit | CASP7 elisa kit

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CATALOG #
AAA88540

REACTIVITY
Canine

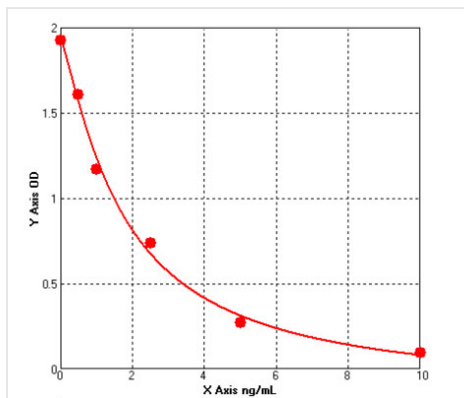
PRODUCT SYNONYMS

Caspase 7; Canine Caspase 7 ELISA Kit; CASP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP7. No significant cross-reactivity or interference between CASP7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CASP7 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 CASP7 elisa kit	Principle of the Assay: CASP7 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CASP7 antibody and an CASP7-HRP conjugate. The assay sample and buffer are incubated together with CASP7-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 CASP7 concentration since CASP7 from samples and CASP7-HRP conjugate compete for the anti-CASP7 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASP7 from the sample, fewer sites are left to bind CASP7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASP7 concentration in each sample is interpolated from this standard curve. Intended Uses: This CASP7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CASP7. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CASP7 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	55962068
UniProt Accession #	Q5SVL1
Molecular Weight	24,624 Da
UniProt Protein Name	Caspase-7
UniProt Gene Name	CASP7
UniProt Entry Name	Q5SVL1_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/casp7-canine-elisa-kits/caspase-7/88540>