

Human Caspase 9 ELISA Kit | caspase 9 elisa kit

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CATALOG #
AAA88700

REACTIVITY
Human

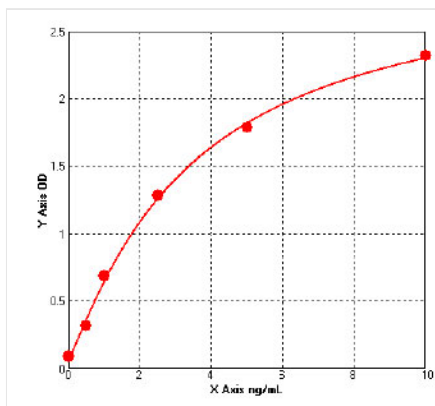
PRODUCT SYNONYMS

Caspase 9; Human Caspase 9 ELISA Kit; caspase 9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP9. No significant cross-reactivity or interference between CASP9 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CASP9 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This caspase-9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human caspase-9. This ELISA kit for research use only. not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for caspase 9 elisa kit	Principle of the Assay: CASP9 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CASP9. Standards or samples are then added to the microtiter plate wells and CASP9 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CASP9 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CASP9 are added to each well to "sandwich" the CASP9 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CASP9 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASP9 concentration in each sample is interpolated from this standard curve. Intended Uses: This CASP9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CASP9. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for caspase 9 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6518502
NCBI GeneID	842
Molecular Weight	36,564 Da
NCBI Official Full Name	caspase-9
NCBI Official Synonym Full Names	caspase 9, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP9
NCBI Official Synonym Symbols	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6
NCBI Protein Information	caspase-9; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56
UniProt Protein Name	Caspase-9
UniProt Gene Name	CASP9
UniProt Synonym Gene Names	MCH6; CASP-9; APAF-3; ICE-LAP6
UniProt Entry Name	CASP9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/caspase-9/88700>