

Human Caspase-3 subunit p17 ELISA Kit

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CATALOG #
AAA247611

REACTIVITY
Human

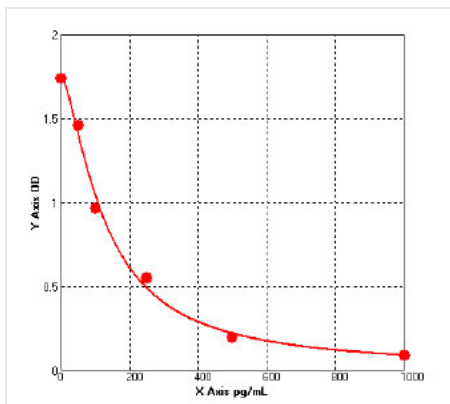
PRODUCT SYNONYMS

Caspase-3 subunit p17; Human Caspase-3 subunit p17; Caspase-3 subunit p17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP3p17. No significant cross-reactivity or interference between CASP3p17 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CASP3p17 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Caspase-3 subunit p17 elisa kit	Intended Uses: This CASP3p17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CASP3p17. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CASP3p17 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CASP3p17 antibody and an CASP3p17-HRP conjugate. The assay sample and buffer are incubated together with CASP3p17-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 CASP3p17 concentration since CASP3p17 from samples and CASP3p17-HRP conjugate compete for the anti-CASP3p17 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASP3p17 from the sample, fewer sites are left to bind CASP3p17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASP3p17 concentration in each sample is interpolated from this standard curve.
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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/human-elisa-kits/caspase-3-subunit-p17/247611>