

GuineaPig cysteinyl aspartate specific proteinases 3 ELISA Kit | Caspase-3/ CPP32 elisa kit

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CATALOG #
AAA87289

REACTIVITY
GuineaPig

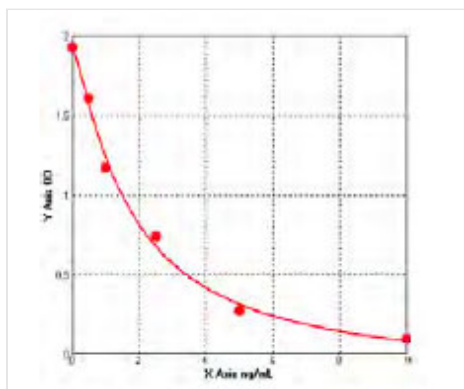
PRODUCT SYNONYMS

cysteinyl aspartate specific proteinases 3; Guinea Pig cysteinyl aspartate specific proteinases 3 ELISA Kit; cysteinyl aspartate specific proteinases 3 (Guinea Pig); Caspase-3/ CPP32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	GuineaPig
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 Caspase-3/ CPP32 elisa kit

Intended Uses: This Casp-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Casp-3. This ELISA kit for research use only!

Principle of the Assay: Casp-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Casp-3 antibody and an Casp-3-HRP conjugate. The assay sample and buffer are incubated together with Casp-3-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 Casp-3 concentration since Casp-3 from samples and Casp-3-HRP conjugate compete for the anti-Casp-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by Casp-3 from the sample, fewer sites are left to bind Casp-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Casp-3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836
NCBI Accession #	NP_004337.2
NCBI GenBank Nucleotide #	NM_004346.3
UniProt Accession #	P42574; Q96AN1; Q96KP2; A8K5M2; D3DP53; Q5HYI3
Molecular Weight	31,608 Da
NCBI Official Full Name	caspase-3 preproprotein
NCBI Official Synonym Full Names	caspase 3, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP3
NCBI Official Synonym Symbols	CPP32; SCA-1; CPP32B
NCBI Protein Information	caspase-3; Yama; CASP-3; CPP-32; apopain; procaspase3; protein Yama; OTTHUMP00000165052; OTTHUMP00000165053; OTTHUMP00000165054; OTTHUMP00000165055; OTTHUMP00000224230; OTTHUMP00000224231; PARP cleavage protease; cysteine protease CPP32; SREBP cleavage activity 1; caspase 3, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Synonym Gene Names	CPP32
UniProt Entry Name	CASP3_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/caspase-3-cpp32-pig-elisa-kits/cysteiny-l-aspartate-specific-proteinases-3/87289>