

Human CASP3 ELISA Kit | CASP3 elisa kit

Human CASP3 (Caspase 3) ELISA Kit

CATALOG #
AAA164532

REACTIVITY
Human

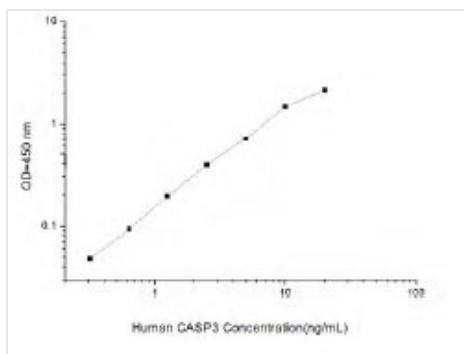
PRODUCT SYNONYMS

CASP3; Human CASP3 (Caspase 3) ELISA Kit; CASP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human CASP3. No significant cross-reactivity or interference between Human CASP3 and analogues was observed.
Sequence Length	277
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 CASP3 elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human CASP3 concentrations in 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 Human CASP3. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human CASP3 and Avidin- Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human CASP3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzymesubstrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human CASP3. The concentration of Human CASP3 in samples can be calculated by comparing the OD of the samples with the standard curve.
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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
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; CASP-3; CPP-32; PARP cleavage protease; SREBP cleavage activity 1; apopain; caspase 3, apoptosis-related cysteine protease; cysteine protease CPP32; procaspase3; protein Yama
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Synonym Gene Names	CPP32; CASP-3; CPP-32; SCA-1
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.