

Human Caspase 2 ELISA Kit | Caspase 2 elisa kit

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CATALOG #
AAA96805

REACTIVITY
Human

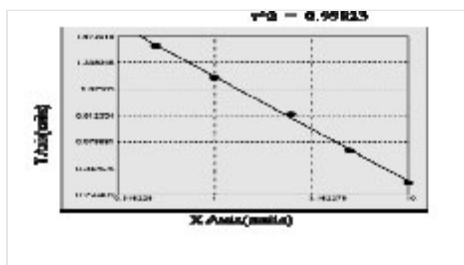
PRODUCT SYNONYMS

Caspase 2; Human Caspase 2 ELISA Kit; Caspase 2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Caspase 2 elisa kit

Intended Uses||This CASPASE-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CASPASE-2. This ELISA kit for research use only!

Principle of the Assay: CASPASE-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CASPASE-2 antibody and an CASPASE-2-HRP conjugate. The assay sample and buffer are incubated together with CASPASE-2-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 CASPASE-2 concentration since CASPASE-2 from samples and CASPASE-2-HRP conjugate compete for the anti-CASPASE-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASPASE-2 from the sample, fewer sites are left to bind CASPASE-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASPASE-2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Caspase 2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	147899217
NCBI GeneID	397817
NCBI Accession #	NP_001081404.1
NCBI GenBank Nucleotide #	NM_001087935.1
NCBI Official Full Name	caspase 2, apoptosis-related cysteine peptidase (neural cell expressed, developmentally down-regulated 2)
NCBI Official Synonym Full Names	caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down-regulated 2)<
NCBI Official Symbol	casp2
NCBI Official Synonym Symbols	xCaspase-2
NCBI Protein Information	caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down-regulated 2); caspase 2, apoptosis-related cysteine peptidase (neural precursor cell expressed, developmentally down-regulated 2); caspase-2

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/human-elisa-kits/caspase-2/96805>