

Caspase-2 Assay Kit | Casp2 assay kit

Caspase-2 Assay Kit (Colorimetric)

CATALOG #
AAA332445

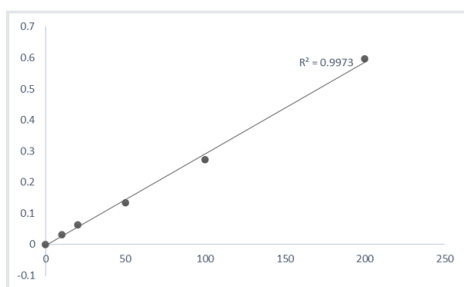
PRODUCT SYNONYMS

Caspase-2; Caspase-2 Assay Kit (Colorimetric); Casp2 assay kit

PRODUCT SPECIFICATIONS

Sequence Length	452
Preparation and Storage	Stable for at least 12 months at recommended temperature from date of shipment.

IMAGES



Standard Curve (Sample)

Fig. Typical data of pNA standard curve using Caspase-2 Assay Kit (Colorimetric).

ADDITIONAL INFORMATION

Related Product Information for Casp2 assay kit	Description: Caspase-2 Assay Kit (Colorimetric) provides a simple and convenient method for detecting the activity of caspase-2. Background: Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Mammalian caspases can be subdivided into three functional groups: initiator caspases (Caspase 2, 8, 9 and 10), executioner caspases (Caspase-3, 6 and 7), and inflammatory caspases (Caspase 1, 4, 5, 11 and 12). Caspase 2 belongs to a family of cysteine proteases that cleave proteins only at an amino acid following an aspartic acid residue. Within this family, caspase 2 is part of the Ich-1 subfamily, one of the most conserved caspases in different species of animal. It has a similar amino acid sequence to initiator caspases, including caspase 1, caspase 4, caspase 5, and caspase 9. It is produced as a zymogen, which contains a long pro-domain that is similar to that of caspase 9 and contains a protein interaction domain known as a CARD domain. Pro-caspase-2 contains two subunits, p19 and p12.
Product Categories/Family for Casp2 assay kit	Cell Status Detection

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923687
NCBI GeneID	64314
NCBI GenBank Nucleotide #	NP_071967.2
UniProt Accession #	P55215

NCBI Official Full Name	caspase-2
NCBI Official Synonym Full Names	caspase 2
NCBI Official Symbol	Casp2
NCBI Protein Information	caspase-2
UniProt Protein Name	Caspase-2
UniProt Gene Name	Casp2
UniProt Synonym Gene Names	Ich1; CASP-2
UniProt Entry Name	CASP2_RAT

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/assay-kits/caspase-2/332445>