

Caspase-1 Assay Kit | Casp1 assay kit

FLICA 660 Caspase-1 Kit

CATALOG #
AAA50311

APPLICATIONS
Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Caspase-1; FLICA 660 Caspase-1 Kit; Casp1 assay kit

PRODUCT SPECIFICATIONS

Sequence Length	402
Applicable Applications for Casp1 assay kit	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Preparation and Storage	Store the unopened kit (and each unopened component) at 4 degree C until the expiration date. Protect the FLICA reagent from light at all times. Once reconstituted in DMSO, the FLICA stock should be stored at -20 degree C protected from light.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for Casp1 assay kit

Description: The FLICA 660 caspase-1 kit uses a target sequence (YVAD) sandwiched between a far-red fluorescent 660 dye and a fluoromethylketone (FMK) to make a quick and flexible method to analyze active caspase-1 in apoptotic cells.

Principle of the assay: Caspase FLICA kits measure apoptosis by detecting active caspases in whole, living cells. These kits do not work by using antibodies or as an ELISA. Instead, their methodology is based on a unique cell-permeable and non-cytotoxic reagent called the Fluorochrome Inhibitor of Caspases (FLICA). The FLICA reagent contains a caspase inhibitor sequence linked to a far-red fluorescent 660 dye.

The Caspase FLICA Kits are suitable for cells in suspension, adherent cells, thin tissue sections (but not fixed or paraffin-embedded cells) from many species including mammalian, insect and yeast. Different cell types, e.g. HeLa, primary neurons, macrophages and lymphocytes have also been successfully studied with these kits. This kit can be used with either a flow cytometer or fluorescence microscope.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542341
NCBI GeneID	25166
NCBI Accession #	NP_036894.2
NCBI GenBank Nucleotide #	NM_012762.2
UniProt Accession #	P43527
Molecular Weight	45,576 Da
NCBI Official Full Name	caspase-1
NCBI Official Synonym Full Names	caspase 1
NCBI Official Symbol	Casp1
NCBI Official Synonym Symbols	Ice; IL1bc
NCBI Protein Information	caspase-1
UniProt Protein Name	Caspase-1
UniProt Gene Name	Casp1
UniProt Synonym Gene Names	IL1bc; IL1bce; CASP-1; IL-1BC; ICE; IL-1 beta-converting enzyme

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/assay-kits/caspase-1/50311>