

## CASPASE-8 Assay Kit | CASP8 assay kit

FAM FLICA CASPASE-8 KIT

CATALOG #  
**AAA50625**

APPLICATIONS  
**Immunofluorescence, Flow Cytometry, Functional Assay**

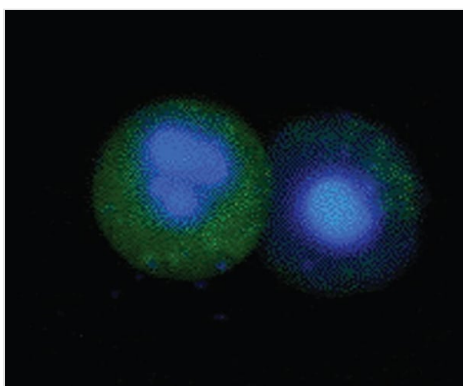
### PRODUCT SYNONYMS

CASPASE-8; FAM FLICA CASPASE-8 KIT; CASP8 assay kit

### PRODUCT SPECIFICATIONS

|                                             |                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form/Format                                 | Kit                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence Length                             | 482                                                                                                                                                                                                                                                                                                                                                                             |
| Reagents In The Kits                        | 4 vials of FAM-LETD-FMK FLICA Reagent - lyophilized<br>10X Wash Buffer, 60 mL<br>Fixative, 6 mL<br>Propidium Iodide, 1 mL<br>Hoechst Stain, 1 mL                                                                                                                                                                                                                                |
| Applicable Applications for CASP8 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.<br>Protect the FLICA reagent from light at all times.<br>Once reconstituted, the 150X FLICA stock should be stored at -20 degree C protected from light.<br>Shelf Life: The 150X FLICA reconstituted stock is stable for up to 6 months and may be thawed twice during that time. |

### IMAGES



#### Application Data

Both cells are apoptotic (green) and dying (blue nuclei). As the left cell is much brighter green than the right cell, the left cell had more active caspases

ADDITIONAL INFORMATION

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|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CASP8 assay kit | <p><b>Description:</b> The FAM FLICA Caspase 8 kit uses a quick and easy method to analyze active caspases in apoptotic cells.</p> <p><b>Test Principle:</b> 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 green (Carboxyfluorescein, FAM) fluorescent probe.</p> <p>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 a flow cytometer, fluorescence microscope or a fluorescence plate reader using black microtitre plates.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 45382997                                                  |
| NCBI GeneID                      | 395284                                                    |
| NCBI Accession #                 | NP_989923.1                                               |
| NCBI GenBank Nucleotide #        | NM_204592.2                                               |
| NCBI Official Full Name          | caspase-8                                                 |
| NCBI Official Synonym Full Names | caspase 8, apoptosis-related cysteine peptidase           |
| NCBI Official Symbol             | CASP8                                                     |
| NCBI Official Synonym Symbols    | caspase-8                                                 |
| NCBI Protein Information         | caspase-8; caspase 8, apoptosis-related cysteine protease |

**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-8/50625>