# Datasheet: ICT9125

## BATCH NUMBER 175265

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|---|---|
| **Description:** | FLICA™ 660 CASPASE-3/7 KIT |
| **Name:** | CASPASE-3/7 |
| **Format:** | 660 (Red Fluorescence) |
| **Product Type:** | Kits |
| **Quantity:** | 25 - 50 TESTS |

## Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|---|---|---|---|---|
| Flow Cytometry | ▪ | | | |
| Immunofluorescence | ▪ | | | |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

**Max Ex/Em**

| Fluorophore | Excitation Max (nm) | Emission Max (nm) |
|---|---|---|
| FLICA 660 | 660 | 685 |

**Product Information**

The FLICA 660 Caspase-3/7 kit uses a target sequence (DEVD) sandwiched between a far-red fluorescent 660 dye and a fluoromethylketone (FMK) to make a quick and flexible method to analyze active caspase-3/7 in apoptotic cells.

**Test Principle**

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 and adherent 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.

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|---|---|
| **Reagents In The Kit** | 1 vial of 660-DEVD-FMK FLICA Reagent - lyophilized<br>10x Apoptosis Wash Buffer, 15 mL<br>Fixative, 6 mL |
| **Instructions For Use** | Instructions for use can be found at www.bio-rad-antibodies.com/uploads/IFU/ICT9125.pdf |
| **Storage** | This product is shipped at ambient temperature.<br>Store the unopened kit and each unopened component at +4$^{o}$C until the expiration date.<br>Once reconstituted with DMSO, use FLICA reagent immediately, or store at -20$^{o}$C for 6 months protected from light and thawed no more than twice during that time. |
| **Guarantee** | Guaranteed until date of expiry. Please see product label. |
| **Acknowledgements** | FLICA is a trademark of Immunochemistry Technologies, LLC. |
| **Health And Safety Information** | Material Safety Datasheet documentation #20375 #10471 #10498 available at:<br>https://www.bio-rad-antibodies.com/SDS/ICT9125 |
| **Regulatory** | For research purposes only |

## Related Products

### Recommended Useful Reagents

FLICA™ 660 POLY CASPASE KIT (ICT9120)
FLICA™ 660 CASPASE-1 KIT (ICT9122)

**Product inquiries: www.bio-rad-antibodies.com/technical-support**

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M443062:250619'

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