Datasheet: ICT9122

BATCH NUMBER 175263

Description:	FLICA™ 660 CASPASE-1 KIT
Name:	CASPASE-1
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-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.

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.

Reagents In The Kit	1 vial of 660-YVAD-FMK FLICA Caspase-1 Reagent - lyophilized 10x Cellular Wash Buffer, 15 mL Fixative, 6 mL
Instructions For Use	Instructions for use can be found at www.bio-rad-antibodies.com/uploads/IFU/ICT9122.pdf
Storage	This product is shipped at ambient temperature. Store the unopened kit and each unopened component at +4^{o}C until the expiration date. 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 #20374 #10471 #10498 available at: https://www.bio-rad-antibodies.com/SDS/ICT9122
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

FLICA™ 660 POLY CASPASE KIT (ICT9120)
FLICA™ 660 CASPASE-3/7 KIT (ICT9125)

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

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