

Fluorescein Active Caspase Staining Kit

Cat. No. Kit-2401 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Activation of caspases plays a central role in apoptosis. The CaspGLOW;Fluorescein Active Caspase Staining Kit provides a convenient and sensitive means for detecting activated caspases in; Living cells. The assay utilizes the caspase family inhibitor VAD-FMK conjugated to FITC (FITC-VAD-FMK) as a marker. FITC-VAD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspases in apoptotic cells.
Applications	Sensitive detection of activated caspases in living cells.
Storage	-20°C
Shipping	Gel Pack
Kit Components	FITC-ATAD-FMK; Wash Buffer; Z-VAD-FMK
Target Species	Mammalian
Detection method	Fluorescence microscopy, Flow cytometry and fluorescence plate reader (Ex. = 485 nm and Em. = 535 nm)
Features & Benefits	Simple one-step procedure; takes only 1-2 hours; Fast and convenient; The FITC label allows for direct detection of the activated caspases in apoptotic cells

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