

Red Active Caspase Staining Kit

Cat. No. Kit-2395 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Activation of caspases plays a central role in apoptosis. The Red Active Caspase Staining Kit provides a convenient means for detecting activated caspases in; Living cells. The assay utilizes a caspase family inhibitor VAD-FMK conjugated to sulfo-rhodamine (Red-VAD-FMK) as the fluorescent marker. Red-VAD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspases in apoptotic cells.
Applications	Detection of activated caspases in living cells.
Storage	-20°C
Shipping	Gel Pack
Kit Components	Red-VAD-FMK; Wash Buffer; Z-VAD-FMK
Target Species	Mammalian
Detection method	Fluorescence microscopy, fluorescence plate reader(Ex/Em = 540/570 nm) and Flow cytometry
Features & Benefits	Simple one-step procedure; takes only 1-2 hours; Fast and convenient; The red fluorescence label allows for direct detection of activated caspases in apoptotic cells

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