CREATIVE BIOMART®
Assay Kit

Red Active Caspase Staining Kit

Product Information

Cat	
Kit-2395	
Cat.No.	Kit-2395
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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