



## Red Active Caspase-3 Staining Kit

### Product Information

**Cat**

Kit-2372

**Cat.No.**

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### Product Overview

Activation of caspases plays a central role in apoptosis. The Red Active Caspase-3 Staining Kit provides a convenient means for detecting activated caspase-3 in living cells. The assay utilizes the caspase-3 inhibitor DEVD-FMK conjugated to sulfo-rhodamine (Red-DEVD-FMK) as the fluorescent in situ marker. Red-DEVD-FMK is cell permeable, nontoxic, and irreversibly binds to activated caspase-3 in apoptotic cells.

### Applications

Detection of activated caspase-3 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



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## Red Active Caspase-3 Staining Kit

allows for direct detection of activated caspases in apoptotic cells

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