CV-Caspase 3 & 7 detection kit

A consistant feature of mammalian cell apoptosis is the activation of caspases 3 and/or 7. Based on the dye cresyl violet and the caspase 3/7 DEVD peptide recognition sequence, this kit allows the detection of caspases 3 and 7 in living cells by fluorescence microscopy. When cleaved by caspase 3 or 7, the mono and unsubstituted cresyl violet fluoresce when excited at 550-590 nm. Once cells are grown, and apoptosis induced, staining is completed in just a few minutes. Hoechst 33342 and Acridine Orange are also included to allow visualization of nuclei and lysosomes.

Citations: 4 View Online »

Ordering Information

Order Online »

BML-AK118-0001	1Kit

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Store the unopened kit and each unopened component at 2-8°C until the expiration date. Once reconstituted with DMSO, use CR(DEVD)2 immediately, or store at ≤-20°C up to 6 months, protected from light and thawed no more than twice during that time.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Fluorescence microscopy, Fluorescent detection
Contents	$CR(DEVD)_2$ reagent, Acridine orange, Hoechst 33342 stain.

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