

## CASPASE-3/7 Assay Kit

MAGIC RED CASPASE-3/7 KIT

CATALOG #  
**AAA50640**

APPLICATIONS  
**Immunofluorescence**

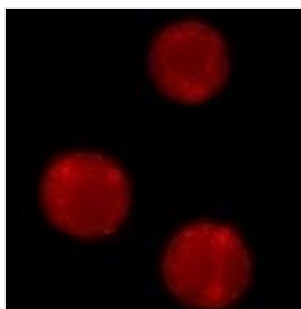
### PRODUCT SYNONYMS

CASPASE-3/7; MAGIC RED CASPASE-3/7 KIT; CASPASE-3/7 assay kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form/Format                                       | Kit                                                                                                                                                                                                                                                                                                                                                                                            |
| Reagents In The Kits                              | Magic Red MR-(DEVD)2 Reagent - lyophilized<br>Hoechst 33342 Stain, 1 mL<br>Acridine orange (AO), 0.5 mL                                                                                                                                                                                                                                                                                        |
| Applicable Applications for CASPASE-3/7 assay kit | IF (Immunofluorescence)                                                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                           | Store the unopened kit (and each unopened component) at 4 degree C until the expiration date.<br>Protect the MR-(DEVD)2 reagent from light at all times.<br>Once reconstituted, the 155X MR-(DEVD)2 stock should be stored at -20 degree C protected from light.<br>Shelf Life: The 155X MR-(DEVD)2 reconstituted stock is stable for up to 6 months and may be thawed twice during that time. |

### IMAGES



#### Application Data

Staining of staurosporine-induced THP-1 cells using the Magic Red™ Caspase 3 &amp; 7 kit

### ADDITIONAL INFORMATION

#### Related Product Information for CASPASE-3/7 assay kit

**Description:** The Magic Red Caspase 3 & 7 kit uses a quick and easy method to analyze intracellular active caspases in apoptotic cells.

**Test Principle:** Caspase Magic Red kits measure apoptosis by detecting active caspases in whole, living cells. These kits do not work by using antibodies or as an ELISA. Instead, their methodology is based on a cell-permeable and non-cytotoxic reagent which is cleaved in the presence of caspases to produce a fluorescent product. The Magic Red reagent contains a caspase inhibitor sequence (DEVD)2 linked to a red (Cresyl Violet) fluorescent probe.

The Caspase Magic Red kits are suitable for cells in suspension, adherent cells, thin frozen tissue sections (but not fixed or paraffin-embedded cells) from many species including mammalian, insect and yeast. Different cell types, e.g. Jurkat, HL-60, THP-1, fibroblasts, UMUC-3, MCF-7 and U937 cells have also been successfully studied with these kits.

This kit can be used in fluorescence microscopy or with fluorescence plate readers using black microtitre plates.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/assay-kits/caspase-3-7/50640>