

## Datasheet: ICT936 BATCH NUMBER 152280

Description:	MAGIC RED™ CASPASE-3/7 KIT			
Name:	CASPASE-3/7			
Format:	MAGIC RED™ (Red Fluorescence)			
Product Type:	Kits			
Quantity:	100 TESTS			

## **Product Details**

Applications	This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-rad-antibodies.com/protocols</u> .						
	Immunofluorescence						
	Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.						
Product Information	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 <sup>TM</sup> 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 <sup>TM</sup> reagent contains a caspase inhibitor sequence (DEVD) <sub>2</sub> linked to a red (Cresyl Violet) fluorescent probe.						
	The Caspase Magic Red <sup>™</sup> kits are suitable for cells in suspension and adherent 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.						

Reagent	s In The Kit	t Magic Red <sup>™</sup> MR-(DEVD) <sub>2</sub> Reagent - lyophilized					
		Acridine orange (A	(AO), 0.5 mL				
Instructio	ons For Use	Instructions for us	se can be found at <u>www.bi</u>	o-rad-antibodie	es.com/uploads/IFU/ICT936.pdf		
Referenc	es	1. Wei, Z. <i>et al.</i> (2011) Notch activation enhances the microglia-mediated inflammatory response associated with focal cerebral ischemia. <u>Stroke. 42 (9): 2589-94.</u> 2. Shibata, X. <i>et al.</i> (2016) Controlled in cell release of caspase from photodegradable.					
		nanoparticles usir ahead of print]	ng the PARCEL method <u>A</u>	pplied Spectro	scopy Reviews. Mar 13 [Epub		
Storage		Store the unopene Protect the MR-(D	ied kit (and each unopene DEVD) <sub>2</sub> reagent from light	d component) at all times.	at +4°C until the expiration date.		
		Once reconstitute light.	ed, the 155X MR-(DEVD) <sub>2</sub>	stock should b	be stored at -20°C protected from		
Guarante	)e	Guaranteed until date of expiry. Please see product label.					
Acknowl	edgements	Magic Red™ is a	trademark of Immunoche	mistry Technol	ogies, LLC.		
Health A Informati	nd Safety ion	Material Safety Da https://www.bio-ra Magic Red™ MR- Hoechst Stain (10 Acridine Orange S	Patasheet documentation # ad-antibodies.com/SDS/IC -(DEVD) <sub>2</sub> Reagent (20262 0476) Stain (10478)	20262 #10476 <u>T936</u> 2)	5 #10478 available at:		
<b>Regulatory</b> For research purpo			poses only				
orth & South merica	Tel: +1 800 265 Fax: +1 919 878 Email: antibody_	7376 Worldwi 3751 _sales_us@bio-rad.com	vide Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com		
To find a b	atch/lot speci	fic datasheet for this p	product, please use our onlir 'M350365:190307'	ne search tool at	t: bio-rad-antibodies.com/datasheets		
			Printed on 23 May 202	25			

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