

Annexin V-FAM + 7-AAD Apoptosis Detection Reagent

v. 230201

Catalog number	C08008-K01	
Package	100 rxns	
Description	<p>Croyez fluorescent dye (FAM) conjugated Annexin V is highly purified product. During early apoptosis, cells will translocate membrane phosphatidylserine (PS) from the inner face of the membrane to the cell surface. 7-Aminoactinomycin D (7-AAD) is a fluorescent chemical compound with a strong affinity for DNA. It can be used in flow cytometry to evaluate the cell cycle and cell viability during apoptosis. The product can be used in one-step staining procedure without wash step within 20 minutes.</p>	
Component	C08008-K01	
	Annexin V-FAM	1 x 0.5 mL
	7-AAD	1 x 0.5 mL
	10X Binding Buffer	3 x 2 mL
Storage	<p>Store at 4°C in the dark. All reagents are stable for one year under proper storage conditions.</p>	
Manual	<ol style="list-style-type: none"> 1. Collect 1-5x10⁵ cells in the flow tube by centrifugation. 2. Wash cells in 2 mL cold phosphate-buffered saline (PBS) and collect by centrifugation. 3. Re-suspend cell in 500 µL of 1X Binding Buffer. 4. Add 5 µL of Annexin V- FAM and 5 µL of 7-AAD, gently mix the cells and incubate for 15-20 minutes at RT in the dark. 5. After incubation, the samples should be kept on ice and perform flow cytometry using filters appropriated for fluorescein (FITC, corresponding to Annexin V-FAM). 	

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