

Annexin V-iFluor 488 + PI Apoptosis Detection Reagent

v. 230201

Catalog number	C08006-K01 / C08006-K02 / C08006-K03			
Package	25 rxns / 50 rxns / 100 rxns			
Description	<p>Croyez fluorescent dye (iFluor 488) 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. Propidium iodide (PI) is a common fluorescent dye to detect 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		C08006-K01	C08006-K02	C08006-K03
	Annexin V-iFluor 488	1 x 0.125 mL	1 x 0.25 mL	1 x 0.5 mL
	PI	1 x 0.125 mL	1 x 0.25 mL	1 x 0.5 mL
	10X Binding Buffer	1 x 2 mL	2 x 2 mL	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-iFluor 488 and 5 µL of PI, 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-iFluor 488). 			

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