

**Annexin V-FAM Apoptosis Detection Reagent**

v. 230201

<b>Catalog number</b>	C08003-K01 / C08003-K02 / C08003-K03		
<b>Package</b>	25 rxns / 50 rxns / 100 rxns		
<b>Description</b>	<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. The product can be used in one-step staining procedure without wash step within 20 minutes.</p>		
<b>Component</b>	<b>C08003-K01</b>	<b>C08003-K02</b>	<b>C08003-K03</b>
	<b>Annexin V-FAM</b>	1 x 0.125 mL	1 x 0.25 mL
	<b>10X Binding Buffer</b>	1 x 2 mL	2 x 2 mL
<b>Storage</b>	<p>Store at 4°C in the dark. All reagents are stable for one year under proper storage conditions.</p>		
<b>Manual</b>	<ol style="list-style-type: none"> <li>1. Collect <math>1-5 \times 10^5</math> cells in the flow tube by centrifugation.</li> <li>2. Wash cells in 2 mL cold phosphate-buffered saline (PBS) and collect by centrifugation.</li> <li>3. Re-suspend cell in 500 <math>\mu</math>L of 1X Binding Buffer.</li> <li>4. Add 5 <math>\mu</math>L of Annexin V- FAM and gently mix the cells and incubate for 15-20 min at RT in the dark. *Option: Other reagents like 7-AAD or PI could be used in this step.</li> <li>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).</li> </ol>		

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