

Product Information
Annexin V-FAM Apoptosis Detection Reagent

Catalog No.: 32101/32102/32103

Product Name: Annexin V-FAM Apoptosis Detection Reagent

Description

Leadgene 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.

Package size and Components

Cat. 32101	25 rxn
Annexin V- FAM	1 X 0.125 mL
10X Binding Buffer	1 X 2 mL
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Cat. 32102	50 rxn
Annexin V- FAM	1 X 0.25 mL
10X Binding Buffer	2 X 2 mL
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Cat. 32103	100 rxn
Annexin V- FAM	1 X 0.5 mL
10X Binding Buffer	3 X 2 mL

Storage

Store at 4°C in the dark. All reagents are stable for one year under proper storage conditions.

Protocol

1. Collect $1-5 \times 10^5$ 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 μ L of 1X Binding Buffer.
4. Add 5 μ 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.
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).

For research use only.

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