

Product Information

Annexin V-FAM + PI Apoptosis Detection Reagent

Catalog No.: 32111/32112/32113

Product Name: Annexin V-FAM + PI 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. 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.

Storage

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

Protocol

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 PI, gently mix the cells and incubate for 15-20 min 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).

Package size and Components

Cat. 32111	25 rxn
Annexin V- FAM	1 X 0.125 mL
PI	1 X 0.125 mL
10X Binding Buffer	1 X 2 mL
Cat. 32112	50 rxn
Annexin V- FAM	1 X 0.25 mL
PI	1 X 0.25 mL
10X Binding Buffer	2 X 2 mL
Cat. 32113	100 rxn
Annexin V- FAM	1 X 0.5 mL
PI	1 X 0.5 mL
10X Binding Buffer	3 X 2 mL

For research use only.

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