

Annexin V-Biotin Reagent

Cat. No: E-CK-A110

Size: 50 Tests/100 Tests/200 Tests/500 Tests

Cat.	Product	50 Tests	100 Tests	200 Tests	500 Tests	Storage
E-CK-A110	Annexin V-Biotin Reagent	250 µL	500 µL	1 mL	1.25mL×2	2~8 °C

Storage

Store at 2~8 °C. Valid for 12 months.

Introduction

Elabscience® Annexin V-Biotin is developed to identify apoptotic and necrotic cells.

Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. It binds specifically to the PS on the outer leaflet apoptotic cell membrane.

Experimental Procedure

1. Induce apoptosis of suspension cells with reagents of interest. Collect cell cultures, centrifuge at 300×g for 5 min and discard the supernatant. Add PBS to wash the cells, and resuspend the cells gently followed by the cell counting.
2. Split the cell suspension into tubes, 1~5×10⁵ cells for each, centrifuge at 300×g for 5 min and discard the supernatant. Add PBS to wash the cells and discard the supernatant. Add 500 µL of 1 × Annexin V Binding Buffer to resuspend the cells.
3. Add 5 µL of Annexin V-Biotin and to each tube.
4. After gently vortexing and mixing, incubate at room temperature for 15~20 min in the dark to complete the labeling of Annexin V.
5. Follow up experiments as desired.

Cautions

1. This reagent is for research use only.
2. For your safety and health, please wear the lab coat and disposable gloves before the experiments.

For Research Use Only