

## 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, 1~10×10<sup>5</sup> 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