

## Annexin V-Biotin Azide-Free Lyophilized Powder

Cat. No: E-CK-A110U

Size: 25 µg/100 µg

Cat.	Product	25 µg	100 µg	Storage
E-CK-A110U	Annexin V-Biotin Azide-Free Lyophilized Powder	25 µg	100 µg	-20°C, shading light

### Storage

The lyophilized powder is stable for at least two years when stored at -20°C in the dark after arrival. After reconstitution, the reagent can be stored in the dark under sterile conditions at 2~8°C for at least 6 months.

### Introduction

Elabscience® Annexin V-Biotin Azide-Free Lyophilized Powder is developed for long-term storage and user-defined concentrations of Biotin-conjugated Annexin V. It contains no preservatives like azides or Proclin. Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. The Biotin -conjugated format of this protein, Annexin V- Biotin, binds specifically to the PS displayed on the outer leaflet of apoptotic cell membrane. The signal of Annexin V- Biotin can be collected with flow cytometry or fluorescence microscopy to detect cell apoptosis.

### Reconstitution

Reconstitute the reagent with sterile deionized water. Make sure the final concentration is less than 1 mg/ml. (This concentration is high enough for stock solution. In our internal tests, working solutions with 1~2 µg/mL Annexin V- Biotin have best results for flow cytometry.) For example, at least 10 µL water should be added to 10 µg Annexin V- Biotin. Otherwise, the lyophilized cake may not be thoroughly soaked in water.

### Cautions

1. This product is for research use only.
2. For maximal assay performance, this reagent should be used within 12 months. Avoid freeze / thaw cycles.
3. For your safety and health, please wear the lab coat and disposable gloves before the experiments.

### For Research Use Only