

Product Data Sheet

Product Name: Annexin V-AF647/PI Apoptosis Kit
Cat. No.: GK10038

Components

Components	20 Assays [20T]	50 Assays [50T]	100 Assays [100T]
Annexin V-AF647	100 µL	250 µL	500 µL
Propidium Iodide	200 µL	500 µL	1000 µL
Annexin V Binding Buffer	10 mL	25 mL	50 mL

Features

Applications	· High binding efficiency · Fast and convenient, only one simple staining procedure is required, and it can be completed in 10-20 minutes. · This kit can distinguish early and late apoptotic cells and necrotic cells through Annexin V-AF647 and PI staining.
Shipping	Ship with blue ice.
Storage	Store at -20°C in the dark. Do not freeze. Store at 4°C in the dark.
Usage	For Research Use Only! Not For Use in Humans.

Protocol

1. Wash cells with PBS.

2. Resuspend cells in PBS.

3. Count cells.

4. Add 1000g cells to 5ml PBS.

5. Add 5µl Annexin V-AF647 to the cells.

6. Add 1000g cells to 5ml PBS and 195µl Annexin V Binding Buffer.

7. Add 5µl Annexin V-AF647 and 10µl PI.

8. Incubate at (20-25°C) for 10-20 min.

9. Wash cells with PBS.

10. Add 1000g cells to 5ml PBS.

11. Add 5µl Annexin V-AF647 and 10µl PI.

Caution: Product has not been fully validated for medical applications. For research use only.

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- 1 () 1000g 5
- 2 PBS 1000g 5
- 3 195µl Annexin V Binding Buffer
- 4 5µl Annexin V-AF647 10µl PI (20-25°C) 10-20
- 5 1000g 5 PBS
- 6

- 1 1
- 2 Annexin V-AF647 650/670nm / 535/617nm
- 3 PBS Annexin V Binding Buffer
- 4 1000g 5 50-100µl Annexin V Binding Buffer
- 5 PI Annexin V-AF647 3
- 6 Annexin V-AF647 PI PBS Annexin V-AF647 3-10
- 7
- 8 Annexin V-AF647 PS PS
- 9 Annexin V
- 10 PS

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Background

Annexin V-AF647/PI Apoptosis Kit Annexin V-AF647/PI AF647 Annexin V

Annexin V 35-36kD Ca²⁺ phosphatidylserine PS AF647 Annexin V Ex/Em 650/670nm

PI PI Ex/Em 535/617nm PI

Annexin V-AF647 PI Annexin V-/PI Annexin V-AF647 Annexin V+/PI Annexin V-AF647 PI Annexin V+/PI+

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