

Annexin V-ER780 / PI Detection Kit

Annexin V-ER780 / PI Apoptosis Detection Kit [A239]

CATALOG #
AAA177802

PRODUCT SYNONYMS

Annexin V-ER780 / PI; Annexin V-ER780 / PI Apoptosis Detection Kit [A239]; Annexin V-ER780 / PI detection kit

PRODUCT SPECIFICATIONS

Preparation and Storage

Store at 2~8 degree C for one year. Annexin V-ER780 and DAPI Staining Solution should be stored in the dark.

ADDITIONAL INFORMATION

Related Product Information for Annexin V-ER780 / PI detection kit

Annexin V-ER780 / PI Cell Apoptosis Detection kit 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. Annexin V-ER780, the ER780-conjugated format, binds specifically to the PS on the outer leaflet of apoptotic cell membrane and can be detected with flow cytometry or fluorescence microscopy.

Propidium Iodide (PI) is a common DNA dye that is not permeable to cell membrane. Once binding to DNA, the fluorescence of PI increases by nearly 20 fold. Due to the loss of integrity of membrane, PI can enter late apoptotic or necrotic cells to stain DNA. Cells at different apoptotic stages can be distinguished by using Annexin V and PI.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/detection-kits/annexin-v-er780-pi/177802>