

Annexin V-FITC/DAPI Detection Kit | FITC/DAPI detection kit

Annexin V-FITC/DAPI Apoptosis Detection Kit

CATALOG #
AAA177734

PRODUCT SYNONYMS

Annexin V-FITC/DAPI; Annexin V-FITC/DAPI Apoptosis Detection Kit; FITC/DAPI detection kit

PRODUCT SPECIFICATIONS

Preparation and Storage

Store at 2-8 degree C or -20 degree C. Stable for ~12 months.
For maximal assay performance, this kit should be used within 12 months. Avoid freeze/thaw cycles.
Refer to the manual.

ADDITIONAL INFORMATION

Related Product Information for FITC/DAPI detection kit

Background: The Annexin V-FITC/DAPI Apoptosis Kit is developed to detect the apoptosis of suspension cells and adherent cells. Annexin V is a member of the annexin family, which binds to phosphatidylserine (PS) in a calcium-dependent manner. Annexin V-FITC, the FITC-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. Due to the loss of integrity of membrane, DAPI can enter late apoptotic or necrotic cells to stain DNA. Cells at different apoptotic stages can be distinguished by using Annexin V and DAPI.

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-fitc-dapi/177734>