

Annexin V-ER780 / 7-AAD Detection Kit

Annexin V-ER780 / 7-AAD Apoptosis Detection Kit [A240]

CATALOG #
AAA177803

PRODUCT SYNONYMS

Annexin V-ER780 / 7-AAD; Annexin V-ER780 / 7-AAD Apoptosis Detection Kit [A240]; Annexin V-ER780 / 7-AAD 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 / 7-AAD detection kit

Annexin V-ER780 / 7-AAD 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.

7-Amino Actinomycin D (7-AAD) has a high DNA binding constant and is efficiently excluded by intact cells. It is useful for DNA analysis and dead cell discrimination during flow cytometric analysis. Due to the loss of integrity of membrane, 7-AAD can enter late apoptotic or necrotic cells to stain DNA. Cells at different apoptotic stages can be distinguished by using Annexin V and 7-AAD.

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-er780-7-aad/177803>