

Annexin V Apoptosis Detection Kit

Annexin V PE Apoptosis Detection Kit

CATALOG #
AAA79344

APPLICATIONS
Flow Cytometry, Functional Assay

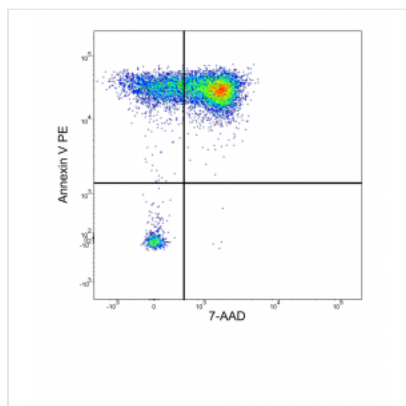
PRODUCT SYNONYMS

Annexin V Apoptosis; Annexin V PE Apoptosis Detection Kit; Annexin V Kit; Annexin V Apoptosis detection kit

PRODUCT SPECIFICATIONS

Purity/Purification	The product should be stored undiluted at 4 degree C and should be protected from prolonged exposure to light.
Form/Format	Aqueous buffered solution containing 1mM EDTA, 10mM HEPES, 0.09% NaN ₃ .
Conjugation	PE
Applicable Applications for Annexin V Apoptosis detection kit	FCM/FACS (Flow Cytometry)
Preparation and Storage	The product should be stored undiluted at 4 degree C and should be protected from prolonged exposure to light.

IMAGES



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for Annexin V Apoptosis detection kit

Principle of the Assay: Annexin V is a phospholipid phosphatidylserine (PS) binding protein. In the earlier stages of apoptosis, PS is translocated to the outer sections of the cell plasma membrane and is exposed to the external cellular environment. The mark of the late stages of cellular death is the loss of membrane integrity. Cells can be stained with Annexin V conjugated to a fluorochrome together with 7-AAD, which is excluded from viable cells with intact membranes. This can be used to distinguish cells that are viable (Annexin V and 7-AAD negative), early apoptotic (Annexin V positive and 7-AAD negative), and those that are dead or in late apoptosis (Annexin V and 7-AAD positive). Annexin V binding alone cannot differentiate between necrotic and apoptotic cells. The Annexin V Apoptosis Detection Kit contains: Annexin V PE (100 tests), Annexin V Binding Buffer 1X (50mL), and 7-AAD (200 tests).

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.