

Annexin V-FITC / PI Apoptosis Detection Kit

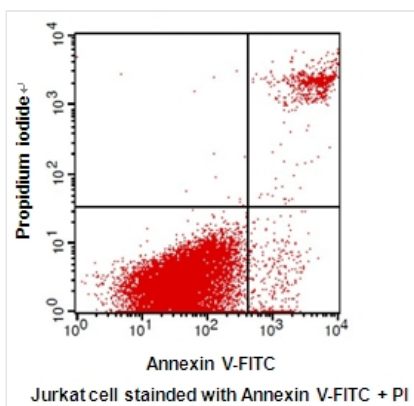
Annexin V-FITC / PI Apoptosis Detection Kit

CATALOG #
AAA58858

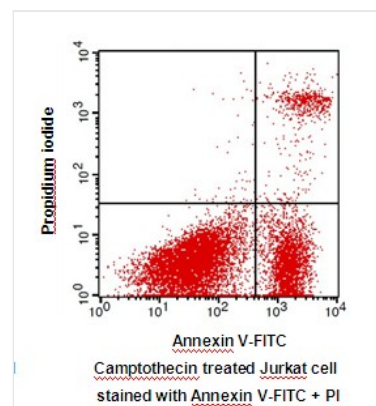
PRODUCT SYNONYMS

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

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for Annexin V-FITC / PI Apoptosis Detection Kit detection kit

Background/Introduction: Annexin A5 (or Annexin V) is a cellular protein in the annexin group. Annexin A5 is used as a probe to detect cells that have expressed phosphatidylserine (PS) on the cell surface, an event found in apoptosis as well as other forms of cell death. The annexin A5 affinity assay typically uses a conjugate of annexin V and a fluorescent or enzymatic label, biotin or other tags, or a radioelement, in a suitable buffer (annexin V binding to PS is Ca²⁺ dependent). The assay combines annexin V staining of PS membrane events with the staining of cell nucleus with PI or AAD-7 in living cells to distinguish from dead cells. Annexin V Apoptosis Detection Kit is based on the observation that soon after initiating apoptosis, cells translocate the membrane phosphatidylserine (PS) from the inner face of the plasma membrane to the cell surface. Once on the cell surface, PS can be easily detected by staining with a fluorescent conjugate of Annexin V, a protein that has a high affinity for PS. Detection can be analyzed by flow cytometry or by fluorescence microscopy.

Product Categories/Family for Annexin V-FITC / PI Apoptosis Detection Kit detection kit

[Annexin V Apoptosis Detection Kits & Related Reagents](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/detection-kits/annexin-v-fitc-pi-apoptosis-detection-kit/58858>