Product Datasheet

Vazyme - Annexin V-FITC/PI Apoptosis Detection Kit (A211-00)

Catalog Number	A211-00
Category	Tools
Description	Annexin V is labeled with green fluorescent FITC, and the labeled Annexin V retains a highaffinity for PS and can be used as a probe to detect apoptosis by fluorescence microscopy orflow cytometry. Since PS eversion occurs in the early stage of apoptosis, Annexin V-FITCstaining can identify the occurrence of apoptosis in the early stage of apoptosis. PropidiumIodide (PI) is a nucleic acid dye. PI cannot penetrate the intact cell membrane of normal cells orearly apoptotic cells, but can penetrate the cell membrane of membrane-damaged cells such aslate apoptotic cells or necrotic cells, and bind to their DNA, causing their nuclei to become red. Itcan be used to distinguish early apoptotic cells from late apoptotic cells or necrotic cells.Therefore, by co-staining Annexin V-FITC with PI, cells in different apoptotic stages can bedistinguished. On the scattergram of dual-color flow cytometry, Annexin V-FITC and PI doublenegative are normal cells, Annexin V-FITC positive and PI negative are early apoptotic cells, andAnnexin V-FITC and PI double positive cells are late apoptotic cells or necrotic cells.
Usage Notes	Restricted to UK and Ireland's customers ONLY
Storage	Store at 2 ~ 8°C and protect Annexin V-FITC and PI Staining Solution from light. If not in use for a long time, store Annexin V-FITC at -30 ~ -15°C to avoid repeated freezing and thawing. Adjustthe shipping method according to the destination.
Background	Only available for the UK and Republic of Ireland
Note	For research use only
Expiration Date	12 months from date of receipt.

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