

PRODUCT INFORMATION

Annexin V-APC Apoptosis Detection Kit Cat. No. 39901

Product Description:

General	Annexins are a family of calcium-dependent phospholipid-binding proteins, which bind to phosphatidylserine (PS). Externalization of phosphatidylserine residues on the outer plasma membrane of apoptotic cells allows detection via Annexin V. Once the apoptotic cells are bound with labelled Annexin V, they can be visualized with fluorescent microscopy or cytometry. Since loss of membrane integrity is a pathognomonic feature of necrotic cell death, necrotic cells will stain with specific membrane-impermeant nucleic acid dyes such as propidium iodide, the membrane integrity of apoptotic cells can be demonstrated by the exclusion of these dyes.
Content	The kit is sufficient for 100 reactions.
Appli-	Detect early/middle stages of apoptosis
cation	Differentiation of apoptosis from necrosis
Storage	Store at +2 °C to + 8 °C. Protect from light. Do not freeze .
Assay Procedure	

Version 0118

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protective clothing and gloves when handling the solution.