CREATIVE BIOMART®
Assay Kit

Annexin V-FITC Apoptosis Kit

Product Information

Cat

Kit-2376

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Product Overview

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. The one-step staining procedure takes only 10 minutes. Detection can be analyzed by flow cytometry or by fluorescence microscopy. The kit can differentiate apoptosis vs necrosis when performing both Annexin V-FITC and PI staining.

Applications

Detect early/middle stages of apoptosis; differentiate apoptosis from necrosis.

Storage

4°C

Shipping

Gel Pack

Kit Components

Annexin V-FITC; 1X Binding Buffer; Propidium Iodide (PI)

Target Species

Mammalian

Detection method Flow cytometry(Ex = 488 nm; Em = 530 nm) and fluorescence microscopy

Features & Benefits

Simple one step staining procedure in 10 minutes; Fast and convenient; Kit can differentiate

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apoptosis vs necrosis when performing both Annexin V-FITC and PI staining

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