CREATIVE BIOMART®
Assay Kit

Annexin V-Biotin Apoptosis Kit

Product Information

Cat

Kit-2368

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Product Overview

The Annexin V-Biotin Apoptosis Detection Kit is based on the observation that soon after initiating apoptosis, most cell types translocate the membrane phospholipid phosphatidylserine (PS) from the inner face of the plasma membrane to the cell surface. Once on the cell surface, PS can easily bind to Biotin-conjugated Annexin V, a protein that has a strong natural affinity for PS. Annexin V-Biotin can be detected in conjunction with conventional dye-staining using any streptavidine- or avidin-dye reagents, such as (strept)avidine-fluorescein, -peroxidase, -alkaline phosphatase (AP), and -β-gal, etc.

Applications

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

Storage

4°C

Shipping

Gel Pack

Kit Components

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

Target Species

Mammalian

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

Features & Benefits

Simple one step staining procedure in 30 minutes; Fast and convenient; Annexin V-Biotin can be

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