CREATIVE BIOMART®
Assay Kit

Phosphatidylserine Apoptosis Kit (Deep Red Fluorescence)

Product Information

Cat.No. Kit-0742

Product Overview

Phosphatidylserine Apoptosis Kit (Deep Red Fluorescence) is a fluorescent assay used to monitor cell apoptosis by measuring the translocation of phosphatidylserine with flow cytometry.

Description

There are a variety of parameters that can be used for monitoring cell viability. This particular kit is designed to monitor cell apoptosis through measuring the translocation of phosphatidylserine (PS). In apoptosis, PS is transferred to the outer leaflet of the plasma membrane. The appearance of phosphatidylserine on the cell surface is a universal indicator of the initial/intermediate stages of cell apoptosis and can be detected before morphological changes can be observed.

Applications

This kit is a set of tools for monitoring cellular functions.

Usage

For research use only (RUO)

Storage

Keep at 4 °C and avoid exposure to light.

Kit Components

Component A: Apopxin Deep Red (100X stock solution) 200 μLComponent B: Assay Buffer 50 mL

Detection method Fluorometric

Compatible Sample Types

Cells

Features & Benefits

Non-Radioactive: No special requirements for waste treatment.Convenient: All essential assay components are included.Optimized Performance: Provide optimal conditions for detecting the

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translocation of phosphatidylserine.Enhanced Value: Less expensive than the sum of individual components.

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