CREATIVE BIOMART®
Assay Kit

Phosphatidylserine Apoptosis Kit (Deep Red Fluorescence)

Product Information

Cat.No. Kit-0743

Product Overview

Phosphatidylserine Apoptosis Kit (Deep Red Fluorescence) is a fluorescent assay used to monitor cell apoptosis with microplate readers.

Description

There are a variety of parameters that can be used to monitor cell viability. This particular kit is designed to monitor cell apoptosis by 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 tool for monitoring cellular functions.

Usage

For research use only (RUO)

Storage

Keep at 4 °C and protect from light.

Kit Components

Component A: Apopxin Deep Red (100X Stock Solution) 100 μLComponent B: Assay Buffer 10 mL

Detection method Fluorometric

Compatible Sample Types

Adherent cells, Non-adherent cells

Features & Benefits

Non-Radioactive: No special requirements for waste treatment.Continuous: Easily adapted to automation with minimal hands on time.Convenient: All essential assay components are

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included.Optimized Performance: Optimized for detecting the translocation of phosphatidylserine (PS).Enhanced value: Less expensive than the sum of individual components..

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