CREATIVE BIOMART®
Assay Kit

Nuclear Apoptosis Green Fluorescence Assay Kit

Product Information

Cat.No. Kit-0634

Product Overview

Nuclear Apoptosis Assay Kit (Green Fluorescence) is a fluorescent assay used to detect cell apoptosis by monitoring the apoptotic chromatin condensation.

Description

The compacted chromatin of apoptotic cells binds higher amounts of nuclear dye compared to the healthy cells. The fluorometric assay is based on the detection of the DNA contents in cells using our proprietary non-fluorescent dye that becomes strongly fluorescent upon binding to cellular DNA.

Applications

This particular kit is designed to monitor cell apoptosis by measuring the apoptotic chromatin condensation.

Usage

For research use only (RUO)

Storage

Store the kit at -20°C and avoid from light.

Kit Components

Component A: 200X Nuclear Green DCS1 500 μLComponent B: Assay Buffer 100 mL

Detection method Fluorometric

Compatible Sample Types

Cells

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