CREATIVE BIOMART®
Assay Kit

Mitochondrial Membrane Potential Assay Kit (Orange Fluorescence)

Product Information

Cat.No. Kit-0561

Product Overview

Mitochondrial Membrane Potential Assay Kit (Orange Fluorescence) is a fluorescent assay used to detect cell apoptosis by monitoring the loss of mitochondiral membrane potential with microplate readers.

Description

There are a variety of parameters that can be used. This particular kit is designed to detect cell apoptosis by measuring the loss of the mitochondrial membrane potential (MMP). The collapse of mitochondrial membrane potential coincides with the opening of the mitochondrial permeability transition pores, leading to the release of cytochrome C into the cytosol, which in turn triggers other downstream events in the apoptotic cascade.

Applications

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

Usage

For research use only (RUO)

Storage

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

Kit Components

Component A: 200X MitoLite Orange 250 μLComponent B: Assay Buffer A 50 mLComponent C: Assay Buffer B 25 mL

Detection method Fluorometric

Compatible Sample Types

Adherent cells, Non-adherent cells

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