CREATIVE BIOMART®
Assay Kit

Cell Cytotoxicity Fluorometric Assay Kit

Product Information

Cat.No. Kit-0196

Product Overview

Cell Cytotoxicity Assay Kit (Fluorometric) is a non-radioactive and no-wash method assay suitable for high throughput screening of cell proliferation or cytotoxicity against a variety of compounds.

Description

The measurement of mitochondrial dehydrogenases (e.g. LDH) activity is a well-accepted assay to quantify cell numbers and monitor cell viability. Our Cell Cytotoxicity Assay Kit (Fluorometric) provides a fast, simple, accurate and homogeneous assay for the colorimetric or fluorimetric detection of viable cells. This assay is based on the observation that oxidized non-fluorescent blue resazurin is reduced to a red fluorescent dye (resorufin) by accepting an electron from mitochondrial respiratory chain in live cells. The amount of resorufin produced is directly proportional to the number of living cells.

Applications

This Cell Cytotoxicity Assay Kit (Fluorometric) is more sensitive for cell proliferation and cytotoxicity than other assays such as MTT.

Storage

Keep in freezer and protect from light.

Kit Components

Component A: Assay Solution 20 mL

Compatible Sample Types

Cells

Features & Benefits

Non-Radioactive: No special requirements for waste treatment.Continuous: Easily adapted to automation without mixing or separation.Convenient: Formulated to have minimal hands-on time.Wide Applications: Cell proliferation and cytotoxicity.Sensitive And Accurate: As low as 100

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cells can be accurately quantified.Enhanced Value: Less expensive than the sum of individual components.

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