CREATIVE BIOMART®
Assay Kit

Fixable Dead Cell Staining Kit (Orange Fluorescence 405)

Product Information

Cat.No. Kit-0275

Product Overview

Fixable Dead Cell Staining Kit (Orange Fluorescence 405) is a set of tool used to evaluate the viability of mammalian cells by flow cytometry.

Description

The Fixable Dead Cell Staining Kit (Orange Fluorescence 405) is a set of tools used to evaluate the viability of mammalian cells by flow cytometry. The fluorescent dyes provided in the kits are retained in cells by reacting with cellular components. For viable cells, only the cell-surface amines are available to react with the dyes while for the necrotic cells or the other cells with compromised membranes, the reactive dyes react with cell surface amines and intracellular amines, resulting in more intense fluorescent staining. The difference in fluorescence intensity between the live and dead cell populations is ~100-500 folds and can be completely preserved after fixation.

Usage

For research use only (RUO)

Storage

Keep in freezerProtect from moisture and lightAvoid repeated freeze-thaw cycles

Kit Components

Component A: Reactive Dye 1 vialComponent B: DMSO 200 µl

Compatible Sample Types

Cells

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