CREATIVE BIOMART®
Assay Kit

Intracellular Total ROS Activity Assay Kit (Orange Fluorescence)

Product Information

Cat.No. Kit-0771

Product Overview

Intracellular Total ROS Activity Assay Kit (Orange Fluorescence) is used for the measurement of intracellular total ROS activity.

Description

Reactive oxygen species (ROS) are natural byproducts of the normal metabolism of oxygen and play important roles in cell signaling. The accumulation of ROS results in significant damage to cell structures. The role of oxidative stress in cardiovascular disease, diabetes, osteoporosis, stroke, inflammatory diseases, a number of neurodegenerative diseases and cancer has been well established. The ROS measurement will help to determine how oxidative stress modulates varied intracellular pathways.

Applications

Detection of ROS in Hela cells.

Usage

For research use only (RUO)

Storage

Keep in freezerAvoid exposure to lightAvoid repeated freeze-thaw cycles

Kit Components

Component A: ROS 570 1 vialComponent B: Assay Buffer 20 mLComponent C: DMSO 100 µL

Detection method Fluorometric

Compatible Sample Types

Live Cells

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