

Intracellular Total ROS Activity Assay Kit (Orange Fluorescence)

Cat. No. Kit-0771 Lot. No. (See product label)

SPECIFICATION

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 μ
Detection method	Fluorometric
Compatible Sample Types	Live Cells

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA