CREATIVE BIOMART®
Assay Kit

Intracellular Hydrogen Peroxide Detection Kit (cell-based)

Product Information

Cat

Kit-2343

Cat.No. Kit-2343

Product Overview

Hydrogen Peroxide (H2O2) is a reactive oxygen species and by-product of oxygen metabolism. H2O2 serves as a key regulator for a number of oxidative stress related pathways and is linked to asthma, inflammatory arthritis, atherosclerosis, diabetic vasculopathy, osteoporosis, and a number of neurodegenerative diseases. Intracellular Hydrogen Peroxide Detection kit uses a dye that reacts with intracellular hydrogen peroxide to produce an orange color and fluorescence, which is proportional to the concentration of intracellular hydrogen peroxide. This kit provides a simple, easy to perform, histochemical method for identification of intracellular H2O2 in the samples.

Applications

Screening/studying/characterizing stimulators/inhibitors that affect intracellular levels of hydrogen peroxide.

Storage

-20°C

Shipping

Gel Pack

Size

200 assays

Kit Components

Assay Buffer; Staining Dye

Detection method Fluorescence microscope (Ex/Em = 543/545-750 nm)

Features & Benefits

Tel: 1-631-559-9269 1-516-512-3133
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Fax:1-631-938-8127
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Simple procedure; Histochemical method for identification of intracellular H2O2 in the samples

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