CREATIVE BIOMART®
Assay Kit

Lipid Droplets Fluorescence Assay Kit

Product Information

Cat.No. Kit-1967

Size

480 tests

Description

TheLipid Droplets Fluorescence Assay Kit can be used to study regulators of lipid droplet biogenesis. The main advantage of this assay is that the green fluorescence of Nile Red is both very sensitive and specific for lipid droplets.1 Furthermore, changes in lipid droplet biogenesis in various cell types in response to different manipulations can be both qualified and quantified by fluorescence microscopy, flow cytometry, or fluorescent plate readers. Simultaneous visualization of lipid droplets and associated proteins is also possible when used with antibodies conjugated to compatible fluorophores. Oleic acid, which is commonly used to induce lipid droplet formation in cultured cells, is included as a positive control. This kit provides sufficient reagents to effectively treat/stain 480 individual wells of cells when utilized in a 96-well plate format.

Storage

-20°C

Kit Components

Lipid Droplets Assay Oleic Acid: 1 vial/100 µl; -20°CLipid Droplets Assay Fixative (10X): 1 vial/10 ml; RT Cell-Based Assay Nile Red Solution: 1 vial/50 µl; -20°C Cell-Based Assay Buffer Tablet: 3; tablets RT

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