CREATIVE BIOMART®
Assay Kit

Cholesterol Uptake Cell-Based Assay Kit

Product Information

Cat.No. Kit-1939

Size

1 ea

Description

Maintaining body cholesterol homeostasis is critical for normal physiological functions and is achieved by a highly regulated balance of de novo synthesis, dietary cholesterol absorption, biliary clearance, and excretion. However, the mechanisms controlling cholesterol absorption are not well understood. A better understanding of the relationship between cholesterol absorption and synthesis may allow for the development of powerful novel strategies for the prevention and treatment of hypercholesterolemia. The Cholesterol Uptake Cell-Based Assay Kit provides a convenient tool for studying cholesterol absorption modulators. The kit employs NBD Cholesterol, a fluorescently-tagged cholesterol, as a probe for the detection of cholesterol taken up by cultured cells. U-18666A, a cholesterol intracellular trafficking inhibitor, is included as a positive control.

Storage

-20°C

Kit Components

Cell-Based Assay NBD Cholesterol: 1 vial/500 µl; -20°CCell-Based Assay Buffer Tablet: 1 vial/1 tablet; RTCell-Based Assay U-18666A: 1 vial/100 µl; -20°C

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