CREATIVE BIOMART®
Assay Kit

Fatty Acid Uptake Assay Kit

Product Information

Cat.No. Kit-0339

Product Overview

Fatty Acid Uptake Assay Kit is used for the measurement of fatty acid uptake.

Description

Fatty acid uptake is an important therapeutic target for the treatment of many human diseases such as obesity, type 2 diabete and hepatic steatosis. Fatty Acid Uptake Assay Kit provides a simple and sensitive method for the measurement of fatty acid uptake in cells containing fatty acid transporters. The kit uses a proprietary dodecanoic acid fluorescent fatty acid substrate. This fatty acid uptake assay kit can be performed on any fluorescence microplate reader with a bottom-read mode at Ex/Em = 485/515 nm or FITC channel. The assay can be performed in 96-well or 384-well microtiter plates in a simple mix-and-read procedure, and easily adapted for high throughput screening applications.

Usage

For research use only (RUO)

Storage

Keep in freezerAvoid exposure to lightAvoid repeated freeze-thaw cycles

Kit Components

Component A: TF2-C12 Fatty Acid (lyophilized) 1 vialComponent B: Assay Buffer 10 mlComponent C: DMSO 100 µl

Detection method Fluorometric

Compatible Sample Types

Live Cells

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