

# Fatty Acid Uptake Assay Kit

**Cat. No.** Kit-0339    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Fatty Acid Uptake Assay Kit is used for the measurement of fatty acid uptake.
<b>Description</b>	Fatty acid uptake is an important therapeutic target for the treatment of many human diseases such as obesity, type 2 diabetes 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.
<b>Usage</b>	For research use only (RUO)
<b>Storage</b>	Keep in freezer Avoid exposure to light Avoid repeated freeze-thaw cycles
<b>Kit Components</b>	Component A: TF2-C12 Fatty Acid (lyophilized) 1 vial Component B: Assay Buffer 10 ml Component C: DMSO 100 µl
<b>Detection method</b>	Fluorometric
<b>Compatible Sample Types</b>	Live Cells

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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