CREATIVE BIOMART®
Assay Kit

mCherry Quantification Kit

Product Information

Cat

Kit-2396

Cat.No. Kit-2396

Product Overview

mCherry is the second generation monomeric red fluorescent protein that was derived from proteins originally isolated from Cnidarians (jelly fish, sea anemones and corals), such as GFP or . mCherry is widely used as a fluorescent tracer in transfection and transgenic experiments because of its better performance in brightness, photostability and monomeric structure. Since mCherry requires no additional substrates or cofactors, mCherry can be easily detected under a fluorescence microscope. However, most imaging studies of mCherry are only qualitative. mCherry Quantification Kit provides an easy 96 micro-plate assay to analyze mCherry expression level in cells or tissues quantitatively. Cells or tissues can be homogenized directly in the mCherry Assay Buffer. The amount of mCherry is determined by comparing its fluorescence (Ex/Em= 587/610 nm) with a mCherry standard that is provided in this kit. Each kit provides sufficient reagents to perform up to 100 assays.

Applications

It detects a wide range of mCherry (0.01-1 ng/μl)

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

mCherry Assay Buffer; mCherry Standard

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Target Species	
Mammalian	
Detection method	Fluorescence (Ex/Em 587/610 nm)
Features & Benefits	
Simple procedure; takes ~ 20 minutes; Fast and convenient	

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