mCherry Quantification Kit

Cat. No. Kit-2396 **Lot. No.** (See product label)

SPECIFICATION

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 DsRed. 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
Target Species	Mammalian

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

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