Mitochondrial Membrane Potential Assay Kit (Orange Fluorescence)

Catalog # KA4156 Size 1 Kit

Applications

Result Data

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The decrease in MitoLite Orange fluorescence with the addition of FCCP in Hela cells. Hela cells were dye loaded with MitoLite Orange alone or in the presence of 20 uM FCCP for 15 minutes. The fluorescence intensity of MitoLite Orange was measured 30 minutes after adding Assay Buffer B (Component C) with a FlexStation microplate reader (Molecular Devices) at Ex/Em = 540/590 nm (cut off 570 nm, bottom read).

Specification

Product Description	Mitochondrial Membrane Potential Assay Kit (Orange Fluorescence) is a fluorescent assay used to d etect cell apoptosis by monitoring the loss of mitochondiral membrane potential with microplate read ers.
Suitable Sample	Adherent cells, Non-adherent cells
Detection Method	Fluorometric
Excitation (Max)	540 nm
Emission (Max)	590 nm
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at -20°C and avoid from light.

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Note	Result Data Result Data The decrease in MitoLite Orange fluorescence with the addition of FCCP in Hela cells. Hela cells were dye loaded with MitoLite Orange alone or in the presence of 20 uM FCCP for 15 minutes. The fluorescence intensity of MitoLite Orange was measured 30 minutes after adding Assay Buffer B (Component C) with a FlexStation microplate reader (Molecular Devices) at Ex/Em = 540/590 nm (cut off 570 nm, bottom read).

Applications

- Functional Study

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