JC-10 Mitochondrial Membrane Potential Assay Kit

Catalog # KA4154 Size 1 Kit

Applications

Result Data

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Campotothecin-induced mitochondria membrane potential changes were measured with JC-10 and JC-1 in Jurkat cells. After Jurkat cells were treated with camptothecin (10 mM) for 4 hours, JC-1 and JC-10 dye loading solutions were added to the wells and incubated for 30 minutes. The fluorescent intensities for both J-aggregates and monomeric forms of JC-1 and JC-10 were measured at Ex/Em = 490/525 nm and 490/590 nm with NOVOstar microplate reader.

Specification

Product Description	JC-10 Mitochondrial Membrane Potential Assay Kit is a fluorescent assay used to screen apoptosis inhibitors and activators by monitoring the potential changes of the mitochondria membrane with micr oplates.
Suitable Sample	Adherent cells, Non-adherent cells
Detection Method	Fluorometric
Excitation (Max)	490 nm and 540 nm
Emission (Max)	525 nm and 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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Applications

- Functional Study