NIR Mitochondrial Membrane Potential Assay Kit

Cat. No. Kit-0625 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NIR Mitochondrial Membrane Potential Assay Kit is a fluorescent assay used to detect cell apoptosis by monitoring the loss of mitochondiral membrane potential with flow cytometry.
Description	There are a variety of parameters that can be used. This particular kit is designed to detect cell apoptosis by measuring the loss of the mitochondrial membrane potential. The collapse of mitochondrial membrane potential coincides with the opening of the mitochondrial permeability transition pores, leading to the release of cytochrome C into the cytosol, which in turn triggers other downstream events in the apoptotic cascade.
Applications	This kit is a set of tool for monitoring cell viability.
Usage	For research use only (RUO)
Storage	Store the kit at -20°C and avoid from light.
Kit Components	Component A: 200X MitoLite NIR in DMSO 500 µLComponent B: Assay Buffer 100 mL
Detection method	Fluorometric
Compatible Sample Types	Cells

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