Mitochondrial Membrane Potential Assay Kit (Orange Fluorescence)

Cat. No. Kit-0561 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mitochondrial Membrane Potential Assay Kit (Orange Fluorescence) is a fluorescent assay used to detect cell apoptosis by monitoring the loss of mitochondiral membrane potential with microplate readers.
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 (MMP). 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 cellular functions.
Usage	For research use only (RUO)
Storage	Store the kit at -20°C and avoid from light.
Kit Components	Component A: 200X MitoLite Orange 250 µLComponent B: Assay Buffer A 50 mLComponent C: Assay Buffer B 25 mL
Detection method	Fluorometric
Compatible Sample Types	Adherent cells, Non-adherent cells

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