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Product Datasheet

TraKine(TM) Mitochondrion Staining Kit (Orange Fluorescence) ASC-KTC4004

Artikelname	TraKine(TM) Mitochondrion Staining Kit (Orange Fluorescence)
Artikelnummer	ASC-KTC4004
Hersteller Artikelnummer	KTC4004
Alternativnummer	ASC-KTC4004-100, ASC-KTC4004-500, ASC-KTC4004-2000
Hersteller	Abbkine Scientific
Kategorie	Kits/Assays
Produktbeschreibung	Abbkine Mitochondrion Staining Kits are a set of fluorescence imaging tools to label mitochondria of live cells....
Tag	Mitochondrion
Anwendungsbeschreibung	Abbkine Mitochondrion Staining Kits are a set of fluorescence imaging tools to label mitochondria of live cells. This kit uses a proprietary mitochondrial orange fluorescent probe (Ex/Em=579/599 nm), which, like other probes, the kit uses a proprietary dye that selectively accumulates in mitochondria probably via the mitochondrial membrane potential gradient. MitoOrange, a hydrophobic compound, easily permeates intact living cells and can be retained after formaldehyde fixation and permeabilization. The dye is suitable for double labeling experiments, and its orange fluorescent probes is well distinguished from other green fluorescent probes. The fluorescence can be measured using fluorescence imaging, high-content imaging, microplate fluorometry, or flow cytometry. This kit is suitable for proliferating and non-proliferating cells, and can be used for both suspension and adherent cells.