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Product Datasheet

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

Article Name	TraKine(TM) Mitochondrion Staining Kit (Orange Fluorescence)
Biozol Catalog Number	ASC-KTC4004
Supplier Catalog Number	KTC4004
Alternative Catalog Number	ASC-KTC4004-100, ASC-KTC4004-500, ASC-KTC4004-2000
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Abbkine Mitochondrion Staining Kits are a set of fluorescence imaging tools to label mitochondria of live cells....
Tag	Mitochondrion
Application Notes	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.