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Product Datasheet

TraKine(TM) Mitochondrion Staining Kit (Green Fluorescence) ASC-KTC4003

Artikelname	TraKine(TM) Mitochondrion Staining Kit (Green Fluorescence)
Artikelnummer	ASC-KTC4003
Hersteller Artikelnummer	KTC4003
Alternativnummer	ASC-KTC4003-100, ASC-KTC4003-500, ASC-KTC4003-2000
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 green fluorescent probe (Ex/Em=490/523 nm), which, unlike other probes, appears to localize to mitochondria, much less depending on mitochondrial membrane potential. The dye, a hydrophobic compound, has the added advantage that it is essentially nonfluorescent in aqueous solutions and only becomes fluorescent once it accumulates in the lipid environment of mitochondria, and can stain live cells and formaldehyde-fixed cells, but after permeabilized, the fluorescent signal will be lost. 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.