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Product Datasheet

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

Article Name	TraKine(TM) Mitochondrion Staining Kit (Green Fluorescence)
Biozol Catalog Number	ASC-KTC4003
Supplier Catalog Number	KTC4003
Alternative Catalog Number	ASC-KTC4003-100, ASC-KTC4003-500, ASC-KTC4003-2000
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 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.