

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Live Cell Tracking Kit (Green Fluorescence) ASC-KTA1002

Article Name	Live Cell Tracking Kit (Green Fluorescence)
Biozol Catalog Number	ASC-KTA1002
Supplier Catalog Number	KTA1002
Alternative Catalog Number	ASC-KTA1002-100, ASC-KTA1002-500, ASC-KTA1002-2000
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Tag	Cell
Application Notes	Abbkine Live Cell Tracking Kit (Green Fluorescence) provides a versatile and well-retained celltracing reagent (CellTracker Green) for monitoring cell movement, location, proliferation, migration, chemotaxis, and invasion. CellTracker Green can passively diffuses into cells and remain colorless and nonfluorescent until its acetate groups are cleaved by intracellular esterases to yield highly fluorescent, amine-reactive carboxyfluorescein succinimidyl ester. The succinimidyl ester group reacts with intracellular amines, forming fluorescent conjugates (Ex/Em= 494/521nm) that are well-retained and can be fixed with aldehyde fixatives.