

Live Cell Kit

Live Cell Tracking Kit (Green Fluorescence)

CATALOG #
AAA332441

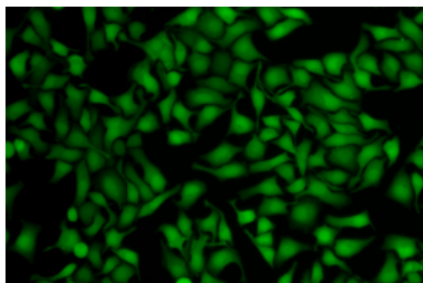
PRODUCT SYNONYMS

Live Cell; Live Cell Tracking Kit (Green Fluorescence); Live Cell kit

PRODUCT SPECIFICATIONS

Features & Benefits	Useful for monitoring cell movement, location, proliferation, migration, chemotaxis, and invasion. The CellTracker Green probes are well retained in living cells through several generations and can display fluorescence for at least a week. The probes are transferred to daughter cells, but are not transferred to adjacent cells in a population. Optimized for flow cytometry or fluorescent microscopy.
Usage Notes	Thaw all the components at room temperature before opening
Preparation and Storage	Refer to list of materials supplied for storage conditions of individual components. Stable for at least 12 months at recommended temperature from date of shipment.

IMAGES



Application Data

Fig. HeLa cells stained with AAA Biotech Live Cell Tracking Kit (Green Fluorescence).

ADDITIONAL INFORMATION

Related Product Information for Live Cell kit	Description: 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. Background: Cell movement and location studies require specialized probes that are nontoxic to living cells. Commercial Live Cell Tracking Kits provide a convenient method for monitoring cell movement, location, proliferation, migration, chemotaxis, and invasion.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.