

Cell Plasma Membrane Staining Kit

Cell Plasma Membrane Staining Kit (Green Fluorescence)

CATALOG #
AAA332436

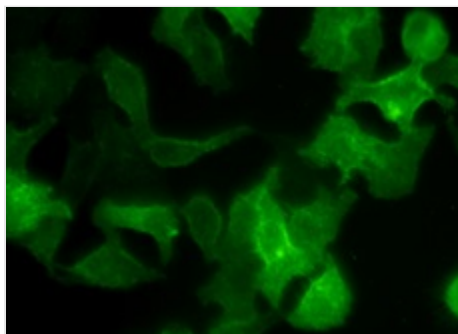
PRODUCT SYNONYMS

Cell Plasma Membrane; Cell Plasma Membrane Staining Kit (Green Fluorescence); Cell Plasma Membrane staining kit

PRODUCT SPECIFICATIONS

Features & Benefits	Enables the uniform staining of cell membrane across a wide variety of mammalian cell types, and can be used for both living and fixed suspended or attached cells. Optimized for various fluorescence platforms such as microplate assays, flow cytometry and fluorescence microscope. Proprietary CPM Green (Ex/Em = 484/501 nm)-resulting in accelerated diffusion within membranes, staining is also maintained after fixation with formaldehyde, enabling further multi-color staining.
Preparation and Storage	Refer to list of materials supplied for storage conditions of individual components. Stable for at least 6 months at recommended temperature from date of shipment.

IMAGES



Application Data

Fig. HeLa cells stained with Cell Plasma Membrane Staining Kit (Green Fluorescence).

ADDITIONAL INFORMATION

Related Product Information for Cell Plasma Membrane staining kit

Description: Cell Plasma Membrane Staining Kits are a set of fluorescence imaging tools for rapid staining of plasma membranes in living and fixed suspended or attached cells depending on the cell type and experimental conditions. The kit uses a proprietary lipophilic carbocyanine dye (Ex/Em = 484/501 nm) that weakly fluorescent in water but highly fluorescent and quite photostable when incorporated into membranes.

Background: The cell membrane (plasma membrane) is a thin semi-permeable membrane, consisting of a lipid bilayer with embedded proteins that separates the interior of all cells from the environment. The basic function of the cell membrane is to protect the cell from its surroundings. The cell membrane controls the movement of substances in and out of cells and organelles. In this way, it is selectively permeable to ions and organic molecules. Cell membranes are involved in a variety of cellular processes such as cell adhesion, ion conductivity and cell signaling and serve as the attachment surface for several extracellular structures, including the cell wall, glycocalyx, and intracellular cytoskeleton.

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.

