

Propidium Iodide (PI) Staining Reagent | PI staining reagent

Propidium Iodide (PI) Staining Solution

CATALOG #
AAA174679

PRODUCT SYNONYMS

Propidium Iodide (PI); Propidium Iodide (PI) Staining Solution; PI staining reagent

PRODUCT SPECIFICATIONS

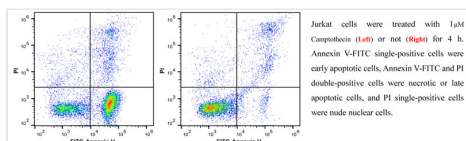
Preparation and Storage

Store at 2-8°C for up to one year in dark.

Cautions:

1. For maximal assay performance, this reagent should be used within 12 months. Avoid freeze / thaw cycles.
2. Detect apoptosis as soon as possible after staining to avoid the increase number of apoptosis or necrosis.
3. Avoid extended exposure of the samples to direct light to protect the fluorophores from quenching.
4. For your safety and health, please wear the lab coat and disposable gloves before the experiments.

IMAGES



Application Data

Jurkat cells were treated with 1uM Camptothecin and detected by this reagent and Annexin V-FITC.

ADDITIONAL INFORMATION

Related Product Information for PI staining reagent

Background/Introduction: The Propidium Iodide (PI) Staining Solution is developed to identify apoptotic and necrotic cells. Propidium Iodide (PI) is a common DNA dye that is not permeable to cell membrane. Once binding to DNA, the fluorescence of PI increases by nearly 20 fold. Due to the loss of integrity of membrane, PI can enter late apoptotic or necrotic cells to stain DNA. Cells at different apoptotic stages can be distinguished by using Propidium Iodide (PI) and Annexin V.

Product Categories/Family for PI staining reagent

[Apoptosis Detection Kit](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/staining-reagent/propidium-iodide-pi/174679>