

Propidium Iodide (PI) Solution | PI solution

Propidium Iodide (PI) Solution (750 uM)

CATALOG #
AAA178138

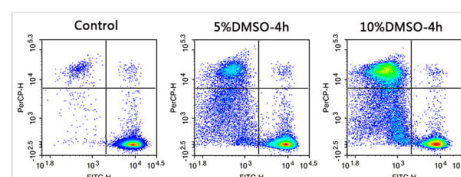
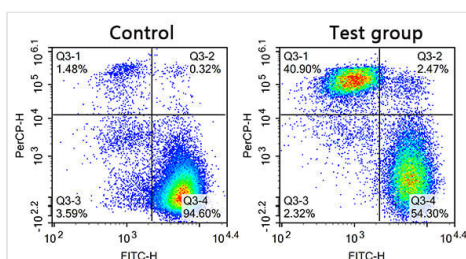
PRODUCT SYNONYMS

Propidium Iodide (PI); Propidium Iodide (PI) Solution (750 uM); PI solution

PRODUCT SPECIFICATIONS

Form/Format	PBS (pH7.2~7.6)(E-IR-R187).
Samples	Cell samples
Detection Instrument	Flow Cytometry, Fluorescence Microscope
Dye Type	PI
Channel Set	PE/PerCP/Cy5.5
Filter Set	TRITC
Detection Principle	PI is a kind of nucleic acid dye. Due to the loss of cell membrane selective permeability of dead cells, Propidium Iodide (PI) can enter the cell and specifically bind with double-stranded DNA and produce red fluorescence (Ex/Em=535nm/617nm), thus marking dead cells.
Preparation and Storage	Store at -20 degree C, shading light Estimated Expiration: 12 months Shipping: Ice bag

IMAGES



Application Data

Molt-4 cells were treated with 5 % DMSO and 10 % DMSO for 4h, then stained with Calcein-AM / PI Double Staining Kit and detected by flow cytometry.

Application Data

Jurkat cells were placed at 4 degree C for 20 days, then stained with Calcein-AM / PI Double Staining Kit and detected by flow cytometry.

ADDITIONAL INFORMATION

Product Categories/Family for PI
solution

Cell Apoptosis

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.