

Propidium Iodide Solution Reagent

Propidium Iodide Solution

CATALOG #
AAA58856

APPLICATIONS
Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Propidium Iodide Solution; Propidium Iodide Solution reagent

PRODUCT SPECIFICATIONS

Applicable Applications for Propidium Iodide Solution reagent	FCM/FACS (Flow Cytometry)
Usage	This reagent is used to analyze cell cycle by flow cytometry. It needs not dilution. Use 5 uL /test and incubate for 5 minutes at room temperature before analysis.
Note	This solution contains hazardous material, please handle with care.
Storage Buffer	In PBS (pH7.2), 0.09% NaN ₃
Preparation and Storage	Store undiluted at 4 degree C and protected from prolonged exposure to light. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for Propidium Iodide Solution reagent	Propidium iodide (or PI) is an intercalating agent and a fluorescent molecule with a molecular mass of 668.4 Da that can be used to stain cells. When excited with 488 nm wavelength light, it fluoresces red. PI binds to both DNA and RNA, so the latter must be removed by digestion with ribonucleases. The content of DNA as determined by flow cytometry, can reveal useful information about the cell cycle and the proteins involved in the regulation of the cell cycle. This reagent may be used to analyze cell cycle by flow cytometry in addition to use with antibodies for examining the expression of proteins during the cell cycle.
Product Categories/Family for Propidium Iodide Solution reagent	Annexin V Apoptosis Detection Kits & Related Reagents

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.

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Online datasheet: <https://stage.aaabiotech.com/reagent/propidium-iodide-solution/58856>