



CELL LAB ApoScreen™ Propidium Iodide (PI)

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
731727	Propidium Iodide (PI)	100 tests

For Research Use Only. Not for use in diagnostic procedures.

DESCRIPTION

Technical Name: 3,8-Diamino-5-(3-diethylaminopropyl)-6-phenylphenanthridinium iodide methiodide

APPLICATIONS

Flow cytometry analysis of viable cells. Product can be used as a vital dye in conjunction with the following ApoScreen Annexin V conjugates:

Cat. No. 731725 Annexin V-FITC
Cat. No. 736546 Annexin V-FLMA
Cat. No. 736542 Annexin V-Cy™5

WORKING DILUTIONS

Flow Cytometry: Propidium iodide 10 µL/10⁶ cells

Other Applications: Since applications vary, determine the optimum working dilution of the product that is appropriate for your specific needs.

HANDLING AND STORAGE

- Propidium Iodide (PI) is supplied as 100 tests in 1.0 mL solution.
- Protect product from light.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
2. Propidium iodide is a mutagenic agent and a suspected carcinogen and should be handled with caution. Liquid impervious gloves should be worn whenever handling this reagent.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use reagent beyond the expiration date on the vial label.
5. Minimize exposure of reagent to light during storage or incubation.
6. Avoid microbial contamination of reagent or erroneous results may occur.
7. Use Good Laboratory Practice (GLP) when handling this reagent.
8. Contains sodium azide. Sodium azide under acidic conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, immediately wash excessively with water.

TRADEMARKS

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Fullerton, CA 92835
www.beckmancoulter.com

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