

## Propidium Iodide (PI)

<b>CATALOG #:</b>	1056-1
<b>AMOUNT:</b>	1 ml (1 mg/ml in PBS)
<b>LOT #:</b>	_____
<b>STORAGE CONDITIONS:</b>	Store at 4°C
<b>SHELF LIFE:</b>	One year under proper storage conditions

### DESCRIPTION:

Control reagent for use with BioVision's Annexin V reagents. Propidium Iodide (PI) binds to double-stranded DNA, but it can only cross the plasma membrane of nonviable cells. When viewed using a fluorescence microscope with a rhodamine filter, cells that have lost membrane integrity will show red PI staining throughout the nuclei. For analysis by flow cytometry, the PI staining can be monitored in FL2 channel.

The PI reagent should be diluted to 250 µg/ml with PBS before use. Add 1 µl per annexin V assay, as described in the user manuals (Cat.# 1001-1000, 1002-1000, 1004-1000).

### REFERENCES:

1. Koopman, G., *et al.* (1994) *Blood* **84**:1415-1420.
2. Martin, S. J., *et al.* (1995) *J. Exp. Med.* **182**:1545-1556.

**FOR RESEARCH USE ONLY! Not to be used in human.**

### FEATURED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

#### Monoclonal and Polyclonal Antibodies