

## 10X Annexin V Binding Buffer

**CATALOG #:** 1006-100

**AMOUNT:** 100 ml

**STORAGE CONDITIONS:** Store at 4°C

**SHELF LIFE:** 1 year from date of receipt

### DESCRIPTION:

Buffer for use with the BioVision's Annexin V-FITC (Cat.# 1001-1000), Annexin V-Cy3 (Cat.# 1002-1000), Annexin V-Cy5 (Cat.#1013-1000), Annexin V-EGFP (Cat.# 1004-1000), Annexin V-PE (1014-1000), Annexin V-Biotin (Cat.# 1003-100), and Unlabeled Annexin V (Cat.# 1005-100) reagents. During apoptosis, phosphatidylserine (PS) is translocated from the cytoplasmic face of the plasma membrane to the cell surface. Annexin V has a strong, Ca<sup>2+</sup>-dependent affinity for PS and therefore serves as a probe for detecting apoptosis.

BioVision's 10X Annexin V Binding Buffer should be diluted to 1X with water before use.

For a complete annexin V binding assay protocol, please refer to Annexin V-FITC, -Cy3, -Cy5, -EGFP, -PE, -Biotin reagents described above or various Annexin V Assay Kits.

### 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 humans.**

### RELATED 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
- Apoptotic Cell Isolation Kit

#### 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 Kit
- 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

Quality Antibodies for Apoptosis and Signal Transduction Molecules