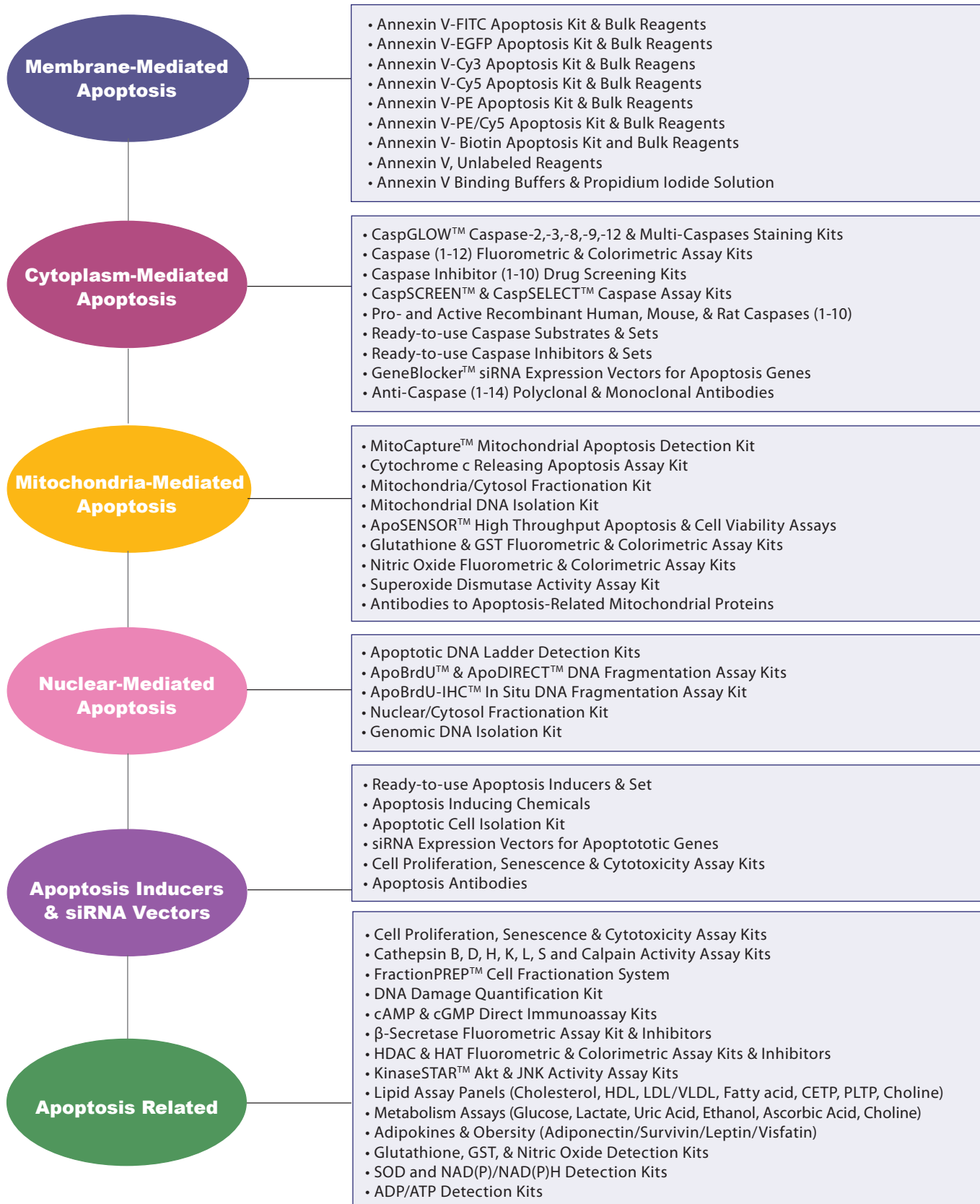


Apoptosis Products Overview

Apoptosis, or programmed cell death, plays an important role in many physiological and diseased conditions. Detection of apoptotic cells, monitoring the cell's progression to apoptosis, and developing drugs that regulate the apoptotic pathways are the essential parts of basic research. BioVision has developed various assays that can detect apoptosis at the early, middle, and late stages in the apoptotic cascade, and detect apoptotic events that occur in different areas of the cell, including the plasma membrane, cytoplasm, mitochondria, and nucleus.



Apoptosis Assay Selection Guide

Many assays exist to measure apoptosis, cell death and cell proliferation. However, if you have only recently become interested in this area, you may find the diversity of assays for measuring apoptosis, cell death, and cell proliferation bewildering. Here we present the frequently asked questions and answers to help you choose the best assays for your purposes.

Select assays based on sample types

My sample is...	Product	Cat#
Live Cells (Suspension or Adherent)	Annexin V Apoptosis Assay Kits	K101-K104
	CaspGlow Caspase Assay Kits	K172-K199
	MitoCapture Apoptosis Assay Kit	K250
Cell Lysate (Fresh or Frozen)	Caspase (1-12) Fluorometric Assay Kits	K105-K126
	Caspase (1-10) Colorimetric Assay Kits	K106-K127
Tissue Lysate (Fresh or Frozen)	Caspase (1-12) Fluorometric Assay Kits	K105-K126
	ADP/ATP Assay Kit	K255
Tissue Sections (Frozen of paraffin)	Apo-BrdU-IHC	K403
	Active Caspase-3 Antibody	3015

Measure apoptosis in different areas of the cell

I want to measure...	Product	Cat#
Mitochondrial Changes	MitoCapture Assay Kit	K250
	Cytochrome c Releasing Apoptosis Assay Kit.	K257
Membrane Changes	Annexin V Assay Kits	K101-K104
Nuclear Changes	DNA Ladder Assay Kits	K170
	TUNEL Assay Kits.	K401-K404
Cytosol Changes	Caspase Assay Kits.	K105-K127

Select assays based on specific purpose

My purpose is to...	Product	Cat#
Measure Cytochrome c Release	Cytochrome c Releasing Apoptosis Assay Kit.	K257
Screen Caspase Inhibitors	Caspase Inhibitor Screening Kits.	K151-K160
Block Apoptotic Gene Expression	siRNA Apoptotic Gene Expression Vectors	9500-9520
Study Apoptosis Related Non-Caspase Proteases	Calpain Assay Kit.	K240
	Cathepsin Assay Kits	K140-K145
Isolate Apoptotic Cells	Apoptotic Cell Isolation Kit	K258
Induce Apoptosis	Ready-to-use Apoptosis Inducers	K121