

CELL RELATED DETECTION KITS

Apoptosis Assay, Cell Proliferation and
Toxicity Assay, Cell Cycle Assay
Meet your various experimental requirements.

Apoptosis Assay

Apoptosis is the autonomous and orderly death of cells controlled by genes in order to maintain the stability of the internal environment of the organism. Apoptosis is a complex signal cascade process involving many cell components. Elabscience® has developed Annexin V Assay, Mitochondrial Membrane Potential Assay, Caspase Assay, TUNEL Assay and other classical apoptotic related reagents for you.

Apoptosis Detection Kits

Cat. No.	Product Name	Size
Annexin V Assay		
E-CK-A211	Annexin V-FITC / PI Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A212	Annexin V-FITC / 7-AAD Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A213	Annexin V-AF647 / PI Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A214	Annexin V-AF647 / 7-AAD Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A216	Annexin V-PE / 7-AAD Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A217	Annexin V-APC / PI Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A218	Annexin V-APC / 7-AAD Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A219	Annexin V-EGFP / PI Apoptosis Detection Kit	20T/50T/100T/200T
E-CK-A220	Annexin V-EGFP / 7-AAD Apoptosis Detection Kit	20T/50T/100T/200T
Mitochondrial Membrane Potential Assay		
E-CK-A301	Mitochondrial Membrane Potential Assay Kit (with JC-1)	20T/50T/100T

Apoptosis Detection Kits

Cat. No.	Product Name	Size
Caspase Assay		
E-CK-A311	Caspase 3 Activity Assay Kit (by Spectrophotometry)	20T/50T/100T
E-CK-A312	Caspase 8 Activity Assay Kit (by Spectrophotometry)	20T/50T/100T
E-CK-A313	Caspase 9 Activity Assay Kit (by Spectrophotometry)	20T/50T/100T
TUNEL Assay		
E-CK-A331	TUNEL Assay Kit (HRP-DAB)	20T/50T/100T
E-CK-A332	TUNEL Assay Kit (FITC or HRP-DAB)	20T/50T/100T
E-CK-A333	TUNEL Assay Kit (FITC)	20T/50T/100T
E-CK-A334	TUNEL Assay Kit (Enhance FITC)	20T/50T/100T
E-CK-A335	TUNEL Assay Kit (Enhance TMR Red)	20T/50T/100T

Cell Proliferation and Toxicity Assay

Cell proliferation is an important life characteristic of organisms for replenishing senile or dead cells in the body.

MTT Assay Kit (Cell Proliferation) has been widely used to detect cell proliferation and cytotoxicity. In recent years, the CCK-8 method has gradually replaced the traditional MTT method because of its high sensitivity and non-radioactivity in measuring the number of living cells in cell proliferation or toxicity experiments.

Cell Proliferation and Toxicity Detection Kits

Cat. No.	Product Name	Size
E-CK-A341	MTT Assay Kit (Cell Proliferation)	500T/1000T
E-CK-A361	Cell Counting Kit 8 (WST-8 / CCK8)	100T/500T/1000T

Cell Cycle Assay

Cell cycle refers to the whole process from the end of one mitosis to the end of the next. DNA cycle detection can be used to reflect the status of each phase of the cell cycle which is called cell proliferation. Using the characteristics of DNA binding with fluorescent dyes (such as propidium iodide, PI), the amount of fluorescent dyes binding to DNA at different stages is different, that makes the fluorescence intensity detected by flow cytometry different.

Cell Cycle Detection Kits

Cat. No.	Product Name	Size
E-CK-A351	Cell Cycle Assay Kit (Fluorometric - Red)	100T