

A Better TUNEL Detection Solution

— TUNEL Flow Cytometry Apoptosis Kit

Advantages of Different TUNEL Detection Methods

- When performing TUNEL assay on paraffin-embedded tissue sections, frozen tissue sections, cell slides or cell smears with a **fluorescence microscope**, the **in situ apoptosis of cells** is detected, and **the morphology of cell nuclei can be determined**.
- When performing TUNEL assay on cultured suspension/adherent cells with flow cytometry, the problem of low percentage of apoptotic cells caused by poor adherence of cells during in situ apoptosis detection can be avoided. At this time, the **proportion of apoptotic cells** is detected, and **the apoptotic cells can be grouped**.

**After 15 months of R & D,
Elabscience® provides you with a more effective flow cytometry TUNEL detection solution!**

Advantages of Elabscience® One-step TUNEL Flow Cytometry Apoptosis Kits



Better detection scheme

Optimized fluorescent labeling solution, more suitable for flow cytometry



Multiple choices

FITC/ AF488/ AF594/ EV450/ AF647/ AF555, a variety of fluorescence channels are available



Easy to operate

One-step dyeing, saving time and effort



Cost-effective

The kit contains Fixation and Permeabilization Buffer, no need to purchase additional reagents



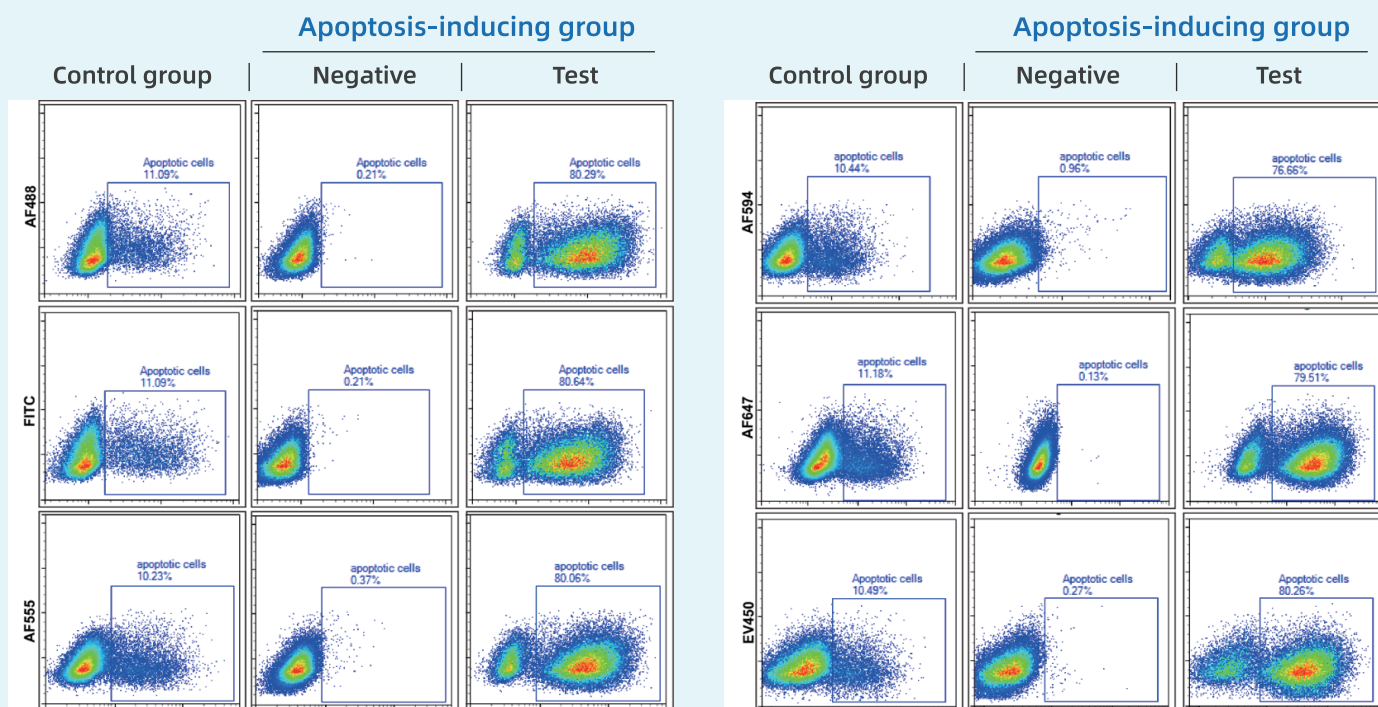
Wide range of applications

Suitable for a variety of suspension cells and adherent cells

Elabscience® One-step TUNEL Flow Cytometry Apoptosis Kits

Cat. No.	Product Name	Size
E-CK-A420	One-step TUNEL Flow Cytometry Apoptosis Kit (Green, FITC)	20/50/100 Assays
E-CK-A421	One-step TUNEL Flow Cytometry Apoptosis Kit (Green, AF488)	20/50/100 Assays
E-CK-A422	One-step TUNEL Flow Cytometry Apoptosis Kit (Red, AF594)	20/50/100 Assays
E-CK-A423	One-step TUNEL Flow Cytometry Apoptosis Kit (Blue, EV450)	20/50/100 Assays
E-CK-A424	One-step TUNEL Flow Cytometry Apoptosis Kit (Red, AF647)	20/50/100 Assays
E-CK-A425	One-step TUNEL Flow Cytometry Apoptosis Kit (Red, AF555)	20/50/100 Assays

Result Verification of Elabscience® TUNEL Flow Cytometry Apoptosis Kits



- ◆ **Control group:** HL-60 cells cultured in the absence of camptothecin.
- ◆ **Apoptosis-inducing group:** HL-60 cells cultured with 2.5 μ M camptothecin for 4 h.
- ◆ **Negative:** Incubated with Label Solution, in the absence of TdT Enzyme.
- ◆ **Test:** Incubated with TUNEL reaction mixture.



Elabscience® One-step TUNEL In Situ Apoptosis Kits

Cat. No.	Product Name	Size
E-CK-A320	One-step TUNEL In Situ Apoptosis Kit (Green, FITC)	20/50/100 Assays
E-CK-A321	One-step TUNEL In Situ Apoptosis Kit (Green, AF488)	20/50/100 Assays
E-CK-A322	One-step TUNEL In Situ Apoptosis Kit (Red, AF594)	20/50/100 Assays
E-CK-A324	One-step TUNEL In Situ Apoptosis Kit (Red, AF647)	20/50/100 Assays
E-CK-A325	One-step TUNEL In Situ Apoptosis Kit (Red, AF555)	20/50/100 Assays

Elabscience® Two-step TUNEL In Situ Apoptosis Kit

Cat. No.	Product Name	Size
E-CK-A331	TUNEL In Situ Apoptosis Kit (HRP-DAB Method)	20/50/100 Assays

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