CASP3/CASP7 Apoptosis Kit (Green Fluorescence)

Catalog # KA4140 Size 1 Kit

Applications

Result Data

Result Data

Detection of Caspase 3/7 Activities in Jurkat cells. Jurkat cells were seeded on the same day at 80,000 cells/90 uL/well in a Costar black wall/clear bottom 96-well plate. The cells were treated with camptothecin at the final concentration of 20 uM for 5 hours while the untreated cells were used as control. The treated cells and controls were incubated with or without the caspase 3/7 inhibitor AC-DEVD-CHO (5 uM) for 10 minutes. The caspase 3/7 assay solution (100 uL/well) was added and incubated at room temperature for 1 hour. The fluorescence intensity was measured at Ex/Em = 490/525 nm with OVOStar instrument (from BMG Labtech).

Specification

Product Description	CASP3/CASP7 Apoptosis Kit (Green Fluorescence) is a fluorescent assay used to monitor cell apoptosis.
Suitable Sample	Adherent cells, Non-adherent cells
Detection Method	Fluorometric
Excitation (Max)	490 nm
Emission (Max)	525 nm
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at -20°C and avoid from light.

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Note	Result Data Result Data Detection of Caspase 3/7 Activities in Jurkat cells. Jurkat cells were seeded on the same day at 80,000 cells/90 uL/well in a Costar black wall/clear bottom 96-well plate. The cells were treated with camptothecin at the final concentration of 20 uM for 5 hours while the untreated cells were used as control. The treated cells and controls were incubated with or without the caspase 3/7 inhibitor AC-DEVD-CHO (5 uM) for 10 minutes. The caspase 3/7 assay solution (100 uL/well) was added and incubated at room temperature for 1 hour. The fluorescence intensity was measured at Ex/Em = 490/525 nm with OVOStar instrument (from BMG Labtech).

Applications

- Functional Study

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