

CASP9 Apoptosis Kit (Green Fluorescence)

Catalog # KA4146

Size 1 Kit

Applications

Result Data

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Detection of Caspase 9 Activities in Jurkat cells. Jurkat cells were seeded at 200,000 cells/90 uL/well in a Costar black wall/clear bottom 96-well plate. The cells were treated with 10 mM adenosine for 48 hours while the untreated cells were used as control. The caspase 9 Substrate working 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 a FlexStation microplate reader. (Molecular Devices).

Specification

Product Description CASP9 Apoptosis Kit (Green Fluorescence) is a fluorescent assay used to monitor cell apoptosis.

Suitable Sample 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.

Note

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Applications

- Functional Study

Publication Reference

- [Direct effects of octreotide on osteoblast cell proliferation and function.](#)

E Vitali, E Palagano, M L Schiavone, G Mantovani, C Sobacchi, G Mazziotti, A Lania.

Journal of Endocrinological Investigation 2022 May; 45(5):1045.

Application: Func, Mouse, MC3T3-E1 cells