



# Homogeneous Caspases Fluorometric Assay Kit

## Product Information

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### Cat.No.

Kit-0177

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### Description

The Homogeneous Caspases Assay is a fluorimetric assay for the quantitative in vitro determination of caspases activity in microplates, which makes it especially useful for high-throughput screening. Determine a specific stage of apoptosis; Detect caspases of human and animal origin; Perform high-throughput screening; Minimize hands-on time; use this automatable one-step assay.

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### Applications

During apoptosis, the activation of specific proteases, called Caspases (cysteiny-l-aspartic-acid-proteases), is one of the initial intracellular biochemical events. The Homogeneous Caspases Assay can be used to detect caspase activity in life-science research applications: for sensitive quantification of activated caspases; for screening of caspase inhibitors; as an automatable one-step assay for high-throughput screening.

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### Kit Components

1. Substrate (DEVD-R110) Stock Solution, (500  $\mu$ M); 2. Positive Control, 10x concentrated; 3. R 110 Standard; 4. Incubation Buffer.

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