CREATIVE BIOMART®
Assay Kit

Caspase-7 Immunoassay Kit (Fluorometric)

Product Information

Cat

Kit-2304

Cat.No. Kit-2304

Product Overview

Caspases play a key role in apoptosis. The CaspSELECT; Caspase-7 Immunoassay Kit provides an effective immunosorbent enzyme assay for the specific, quantitative detection of caspase-7 activity in microtiter plates. The assay utilizes caspase-7 polyclonal antibody to capture activated caspase-7 from cell lysates. Substrate DEVD-AFC is then added that is cleaved proportionally to the amount of activated caspase-7 in the cell lysate. The cleavage generates free AFC which is then analyzed fluorometrically (Ex./Em. = 400/505 nm) using a fluorescence plate reader. The assay ensures absolute specific detection of caspase-7. Other known caspases and non-specific proteases are not detected.

Applications

Effective immunosorbent enzyme assay for specific, quantitative detection of caspase-7 activity in microtiter plates.

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Cell Lysis Buffer; Coating Buffer; Anti-Caspase-7 Antibody (20X); Blocking Buffer; Incubation Buffer; DTT (1 M); DEVD-AFC Substrate (1 mM); Positive Control (rh-Caspase-7); Microtiter Plate; Adhesive Plate Cover

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Assay Kit

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Target Species

Mammalian

Detection method Fluorescence(Ex/Em 370-425/ 490-525nm)

Features & Benefits

Simple one-step procedure; takes only 2-4 hours; Fast and convenient

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