CREATIVE BIOMART®
Assay Kit

Caspase-10 Colorimetric Assay Kit

Product Information

Cat.No. Kit-0156

Product Overview

Colorimetric assay kit for caspase-10 activity

Size

100 assay

Description

Activation of ICE-family proteases/caspases initiates apoptosis in mammalian cells. The Caspase-10 Colorimetric Assay Kit provides a simple and convenient means for assaying the activity of caspases that recognize the sequence AEVD. The assay is based on spectrophotometric detection of the chromophore p-nitroanilide (pNA) after cleavage from the labeled substrate AEVD-pNA. The pNA light emission can be quantified using a spectrophotometer or a microtiter plate reader at 400-or 405-nm.

Applications

Detect early/middle stages of apoptosis; differentiate apoptosis from necrosis.

Target Species

Mammal

Usage

For research use only. Not intended for any diagnostic or therapeutic purpose.

Storage

Store at -20°C. Product has an expected shelf life of 6-12 months.

Kit Components

Cell Lysis Buffer;2X Reaction Buffer;AEVD-pNA (4 mM);DTT (1 M);Dilution Buffer

Detection method Spectrophotometer (OD-400-or 405-nm) or a microtiter plate reader

Compatible Sample Types

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

CREATIVE BIOMART®
Assay Kit

Caspase-10 Colorimetric Assay Kit

Cell and tissue lysates

Features & Benefits

1. Simple one-step procedure; takes only 1-2 hours.2. Fast and convenient.3. Comparison of the absorbance of pNA from an apoptotic sample with an uninduced control allows determination of the fold increase in AEVD-dependent Caspase activity.

Tel: 1-631-559-9269 1-516-512-3133

Email:info@creative-biomart.org

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA