

Caspase

產品特輯 活細胞染色 / 活性偵測

Caspase 凋亡蛋白酶的活化，在細胞凋亡 (Apoptosis) 過程中扮演著關鍵性的角色。

Abcam 針對不同樣本類型與偵測方式，推出多款 Caspase 偵測試劑盒，滿足研究者各種實驗需求。歡迎洽詢伯森業務專員索取最新優惠資訊與產品訊息。



適用樣本
Live cells

Caspase (active) Staining Kits

偵測原理

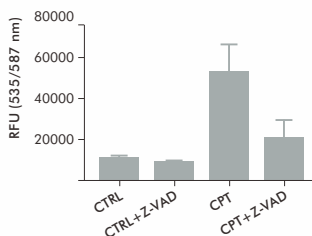
本系列產品採用可與細胞中活化態 Caspase 專一性結合的細胞穿透性螢光標定胜肽序列 (fluorescent conjugated peptide sequence) 偵測活細胞中的 Caspase 活性。

產品特性

- ☑ **操作方便**：無須收取 Cell Lysates 即可直接偵測細胞中 Caspase 活性。
- ☑ **彈性偵測模式**：適用於流式細胞儀、螢光顯微鏡、及螢光盤式分析儀偵測。

文獻摘錄

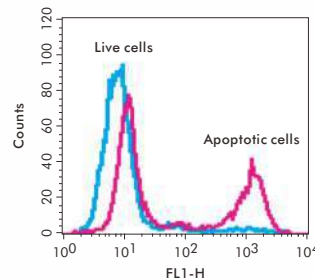
- *Toxins (Basel)*. 2016; 8(11): 319; PMC5127116
- *PLoS One*. 2015 Sep 21;10(9):e0138607
- *Biochem Biophys Res Commun*. 2015 Apr 17;459(4):679-85



Caspase 3 (active) Red Staining Kit

ab65617

Caspase 3 activity in Jurkat cells following 24 hour exposure to 2 μ M Camptothecin (ab120115) with or without 50 μ M caspase inhibitor Z-VAD(OMe)-FMK (ab120487).



Generic Caspase Activity Assay Kit (Fluorometric - Green)

ab112130

The increase in TF2-VAD-FMK (Component A) fluorescence intensity with the addition of Camptothecin in Jurkat cells. Jurkat cells were untreated (Blue) or with 20 μ M camptothecin (Pink).

訂購資訊

Cat. No.	Product	Pack Size	Fluorescent Indicator	Reader
ab219935	Caspase 1 (active) Staining Kit - Green Fluorescence	25 tests	FAM-YVAD-FMK	✓ Fluorescence Microscopy
ab65612	Caspase 2 (active) FITC Staining Kit	100 tests	FITC-VDVAD-FMK	✓ Flow Cytometer
ab65613	Caspase 3 (active) FITC Staining Kit	100 tests	FITC-DEVD-FMK	✓ Fluorescent Microplate Reader
ab65617	Caspase 3 (active) Red Staining Kit	100 tests	Red-DEVD-FMK	
ab219936	Caspase 6 (active) Staining Kit - Green Fluorescence	25 tests	FAM-VEID-FMK	
ab65614	Caspase 8 (active) FITC Staining Kit	100 tests	FITC-IETD-FMK	
ab65618	Caspase 8 (active) Red Staining Kit	100 tests	Red-IETD-FMK	
ab65615	Caspase 9 (active) FITC Staining Kit	100 tests	FITC-LEHD-FMK	
ab65619	Caspase 9 (active) Red Staining Kit	100 tests	Red-LEHD-FMK	
ab219937	Caspase 10 (active) Staining Kit - Green Fluorescence	25 tests	FAM-AEVD-FMK	
ab65611	pan Caspase (active) FITC Staining Kit	100 tests	FITC-VAD-FMK	
ab65616	pan Caspase (active) Red Staining Kit	100 tests	Red-VAD-FMK	
ab112130	Generic Caspase Activity Assay Kit (Fluorometric - Green)	100 tests	TF2-VAD-FMK	✓ Flow Cytometer
ab112131	Generic Caspase Activity Assay Kit (Fluorometric - Red)	100 tests	TF5-VAD-FMK	



適用樣本
Tissue lysates
Cell lysates

Caspase Assay Kits

偵測原理

本系列產品採用可被活化態 Caspase 專一性切割的胜肽序列受質，透過偵測切割後所產生的可見光或螢光反應物訊號，即可進行特定 Caspase 活性測試。

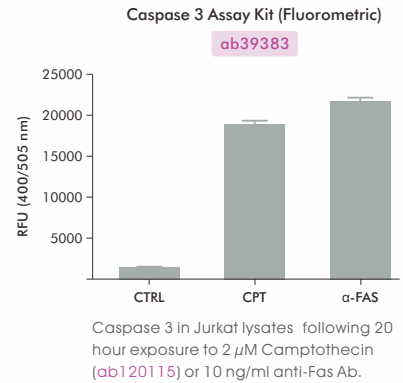
產品特性

- ☑ **流程簡單快速**：最快 2 小時即可完成偵測。
- ☑ **儀器取得方便**：可見光或螢光盤式分析儀即可偵測。

文獻摘錄

- *Oncotarget*. 2017 May 9;8(19):31215-31226
- *Oncotarget*. 2017 Apr 11;8(15):24099-24109
- *J Biochem*. 2017 Jan;161(1):87-97

訂購資訊



Cat. No.	Product	Pack Size	Specific Substrate	Reader
ab39412	Caspase 1 Assay Kit (Fluorometric)	100 tests	YVAD-AFC	Fluorescent Microplate Reader
ab39794	Caspase 2 Assay Kit (Fluorometric)	100 tests	VDVAD-AFC	
ab39383	Caspase 3 Assay Kit (Fluorometric)	100 tests	DEVD-AFC	
ab65658	Caspase 4 Assay Kit (Fluorometric)	100 tests	LEVD-AFC	
ab65660	Caspase 5 Assay Kit (Fluorometric)	100 tests	WEHD-AFC	
ab39707	Caspase 6 Assay Kit (Fluorometric)	100 tests	VEID-AFC	
ab157404	Caspase 7 Immunoassay Activity Kit (Fluorometric)	100 tests	DEVD-AFC (+Caspase 7 polyclonal antibody)	
ab39534	Caspase 8 Assay Kit (Fluorometric)	100 tests	IETD-AFC	Colorimetric microplate reader
ab65607	Caspase 9 Assay Kit (Fluorometric)	100 tests	LEHD-AFC	
ab65664	Caspase 12 Assay Kit (Fluorometric)	100 tests	ATAD-AFC	
ab39830	Caspase 2 Assay Kit (Colorimetric)	100 tests	VDVAD-pNA	
ab39401	Caspase 3 Assay Kit (Colorimetric)	100 tests	DEVD-pNA	
ab65659	Caspase 4 Assay Kit (Colorimetric)	100 tests	LEVD-pNA	
ab65661	Caspase 5 Assay Kit (Colorimetric)	100 tests	WEHD-pNA	
ab39709	Caspase 6 Assay Kit (Colorimetric)	100 tests	VEID-pNA	
ab39700	Caspase 8 Assay Kit (Colorimetric)	100 tests	IETD-pNA	
ab65608	Caspase 9 Assay Kit (Colorimetric)	100 tests	LEHD-pNA	
ab65663	Caspase 10 Assay Kit (Colorimetric)	100 tests	AEVD-pNA	

Caspase ELISA Kits

Cat. No.	Product	Pack Size
ab219633	Human Caspase 1 ELISA Kit	1 x 96 tests (SimpleStep ELISA®)
ab192146	Human Pro Caspase 3 ELISA Kit	1 x 96 tests (SimpleStep ELISA®)
ab168541	Human Active Caspase 3 ELISA Kit (Asp175)	1 x 96 tests
ab220655	Human Active Caspase 3 (Asp175) ELISA Kit	1 x 96 tests (SimpleStep ELISA®)
ab181418	Human Active Caspase 3 Ser29 ELISA Kit	1 x 96 tests (SimpleStep ELISA®)
ab119507	Human Caspase 8 ELISA Kit	1 x 96 tests
ab119508	Human Caspase 9 ELISA Kit	1 x 96 tests



更多 Caspase 偵測產品

