DAKEWE达科为

轻松进行细胞周期,细胞凋亡,和 GFP 表达分析



Cellometer 图像细胞功能分析仪,不仅仅可以进行细胞计数和细胞活力分析,还可轻松、精确进行细胞周期,凋亡,GFP表达的分析

Cellometer K2 双荧光细胞活力分析仪和 Cellometer VISION CBA 双荧光细胞功能分析系统 不仅仅可以快速、准确检测细胞浓度和细胞活力,而且进行多种细胞功能分析。如下图:



试用申请 http://dakewe.com/f/form3.php

> 无需流式预约,无需排队等候 随时调出分析,亲自操作,轻松简便 不仅输出细胞图像,同时输出"类流式"结果

细胞周期分析

- ✓ 通过 FCS Express 流式软件,可轻松获得"类流式"分析数据
- ✔ 不仅提供研究者流式结果,还提供可视的细胞图像

Cell Cycle Detection for Cell Lines





Cell Population	% of Gated Cells	Concentration (10^6 cells/mL)
Total	100	4.8
Sub G ₁	0.1	0.0
G ₀ /G ₁	80.0	3.9
S	2.8	0.1
G ₂ /M	16.2	0.8

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凋亡分析

- ✔ 可进行 Annexin V, Caspase 3, Caspase 8, and JC-1 凋亡分析
- ✔ 可获得细胞图像,检测细胞大小和细胞形态
- ✓ 通过 FCS Express 流式软件,可轻松获得"类流式"分析数据

Detection of Annexin V





GFP/RFP 表达分析

✓ 检测细胞 GFP 表达阳性率的同时,可获得细胞的存活率
 GFP Expression in 293T Cells



Count	Concentration	Mean Diameter		
BR1: 1058	1.52x10 ⁶ cells/mL	15.2 micron		
GFP: 594	8.56x10^5 cells/mL	16.8 micron		
GFP Positive 56.4%				

Cellometer 图像细胞功能分析仪器型号选择



K2 双荧光细胞分析仪 固定双荧光



VISION CBA 细胞功能分析系统 选配双荧光,冷 CCD

发表文献
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Author	Date	Title	Journal	Cellometer / Applications
Tizabi, Yousef	September 2013	Protective Effects of Curcumin Against Rotenone and Salsolinol- Induced Toxicity: Implications for Parkinson s Disease	Neurotoxicity Research	Cellometer Vision Apoptosis
Tizabi, Yousef	April 2013	PACAP Protects Against Salsolinol-Induced Toxicity in Dopaminergic SH-SY5Y Cells: Implication for Parkinsons Disease	Journal of Molecular Neuroscience	Cellometer Vision Apoptosis
Tchounw ou, Dr.	January 2013	Vernonia amygdalina - Induced Growth Arrest and Apoptosis of Breast Cancer	Pharmacology & Pharmacy	Cellometer Vision Apoptosis (Annexin V, Caspase3,8) / Necrosis

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ClementMay 2012Basic apoptotic and necrotic cell death in human liver carcinoma (HepG2) cells induced by synthetic azamacrocycleEnvironmental toxicologyCellometer Vision Apoptosis (Mnexin V, Caspase3,8) / Necro (by Pl usually)Piras, VincentNovemberEnhancing apoptosis in TRAIL-resistant cancer cells using fundamental response rulesNatureCellometer Vision Apoptosis (Annexin V, Caspase3,8) / Necro (by Pl usually)Chan, Leo Li-YringSeptember 2011Arapid detection method for apoptosis and necrosis measurement using the Celometer fusion Apoptosis (Annexin V, Caspase3,8) / Necro (by Pl usually)Celometer Vision Apoptosis (Annexin V, Caspase3,8) / Necro (by Pl usually)Anding, Li-YringSeptember 2011-H-lydroxybenzyl Modification of the Highi Teratogenic Retinoid, H-lydroxybenzyl Modification of the Highi Teratogenic Retinoid, H-lydroxybenzyl Modification of the Highi Teratogenic Retinoid, H-lydroxybenzyl Modification of the Highi TeratogenicityChemical Research in ToxicologyZhou, YiranAugustPoly(ADP-ribosyl)ation Pathways in Mitochordnial Pottoces Apottosis osteosarcomaMethods in Molecular BiologyShapoval Leo L.July 2010Proteasome inhibition with bortezomib societosarcomaMethods in Molecular BiologyChan, V, YurayAugustCellometer Vision as an Alternative to Flow Cytometry for Cell Cycle Analysis, Mitcchondrial Potential, and ImmunophenotypingJournal of VisionApoptosis (Annexin V, Caspase3,8) / Necros (by Pl usually)Chan, N, He-B and dependos on chronically activate K and dogRNeia					<u> - W C </u>
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