

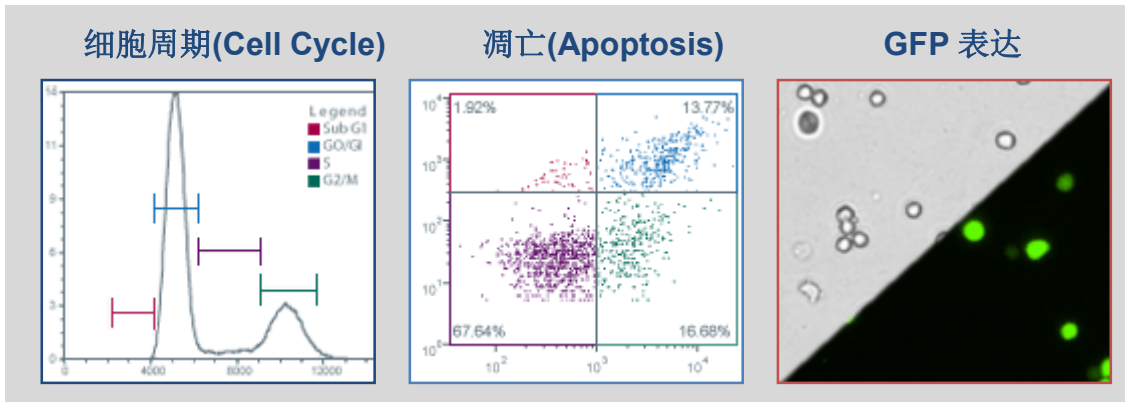
轻松进行细胞周期，细胞凋亡，和 GFP 表达分析

Cellometer®

Perform Quick & Easy Cell Based Assays

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：



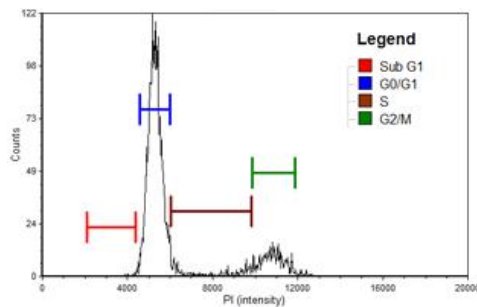
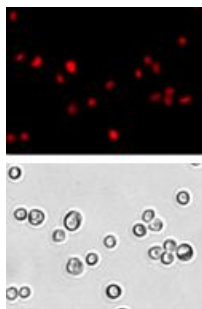

试用申请
<http://dakewe.com/f/form3.php>

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

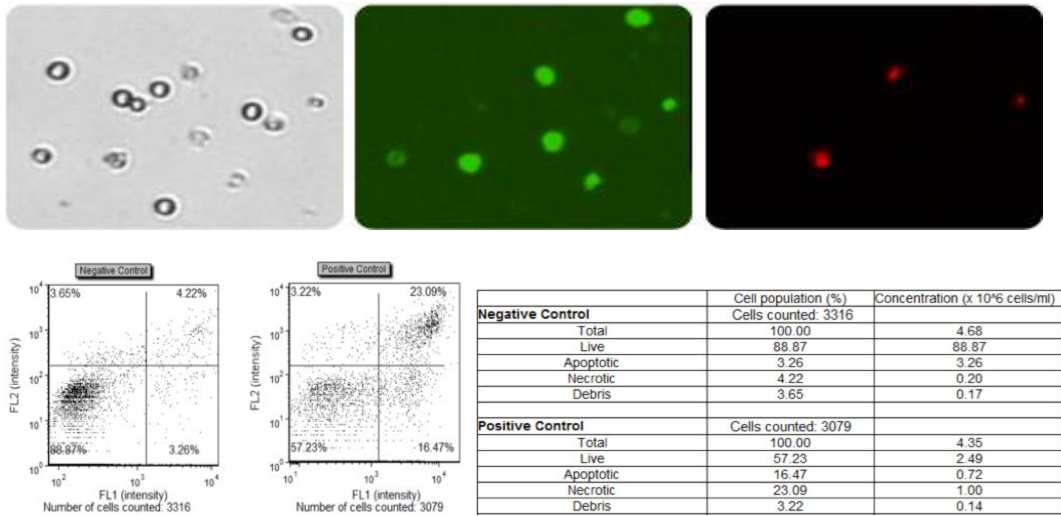


Cell Population	% of Gated Cells	Concentration (10 ⁶ cells/mL)
Total	100	4.8
Sub G ₁	0.1	0.0
G ₀ /G ₁	80.0	3.9
S	2.8	0.1
G ₂ /M	16.2	0.8

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

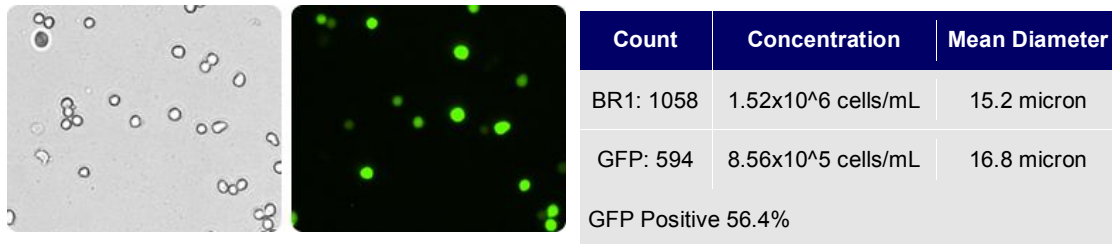
Detection of Annexin V



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



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

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
Tchounwou, Dr.	January 2013	Vernonia amygdalina - Induced Growth Arrest and Apoptosis of Breast Cancer	Pharmacology & Pharmacy	Cellometer Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis

Paul B.		(MCF-7) Cells		(by PI usually)
Verma, Manish	October 2012	Sirtuin-3 Modulates Bak/Bax Dependent Apoptosis	Journal of Cell Science	Cellometer Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Clement, Yedjou	May 2012	Basic apoptotic and necrotic cell death in human liver carcinoma (HepG2) cells induced by synthetic azamacrocyclic	Environmental toxicology	Cellometer Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Piras, Vincent	November 2011	Enhancing apoptosis in TRAIL-resistant cancer cells using fundamental response rules	Nature	Cellometer Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Chan, Leo Li-Ying	September 2011	A rapid detection method for apoptosis and necrosis measurement using the Cellometer imaging cytometry	Apoptosis	Cellometer Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Anding, Allyson L.	September 2011	4-Hydroxybenzyl Modification of the Highly Teratogenic Retinoid, 4-[(1E)-2-(5,5,8,8-Tetramethyl-5,6,7,8-tetrahydro-2-naphthalenyl)-1-propen-1-yl]benzoic Acid (TTNPB), Yields a Compound That Induces Apoptosis in Breast Cancer Cells and Shows Reduced Teratogenicity	Chemical Research in Toxicology	Cellometer Auto X4... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Zhou, Yiran	August 2011	Poly(ADP-ribosyl)ation Pathways in Mammals: The Advantage of Murine PARG Null Mutation	Methods in Molecular Biology	Cellometer Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Shapovalov, Yuriy	July 2010	Proteasome inhibition with bortezomib suppresses growth and induces apoptosis in osteosarcoma	International Journal of Cancer	Vision... Apoptosis (Annexin V, Caspase3,8) / Necrosis (by PI usually)
Chan, Leo L.	March 2011	Cellometer Vision as an Alternative to Flow Cytometry for Cell Cycle Analysis, Mitochondrial Potential, and Immunophenotyping	Cytometry: Journal of the International Society for Advancement of Cytometry	Cellometer Vision... Cell Cycle
Yik-Khuan, Ho	June 2012	HTLV-1 tax-induced rapid senescence is driven by the transcriptional activity of NF-B and depends on chronically activated IKK and p65/RelA.	Journal of Virology	Cellometer Vision... GFP Transduction
Broder, Christopher C.	June 2013	Host cell tropism mediated by Australian bat lyssavirus envelope glycoproteins	Virology	Cellometer Vision... GFP Expression
Berger, Elizabeth A.	July 2013	HIF-1a Is Essential for Effective PMN Bacterial Killing, Antimicrobial Peptide Production and Apoptosis in Pseudomonas aeruginosa Keratitis	PLOS Pathogens	Cellometer Vision... GFP % Bacterial uptake
Schlaf, Rudy	December 2013	Characterization of fully functional spray-on antibody thin films	Applied Surface Science	Cellometer Vision... GFP Transfection

详细信息请咨询：

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