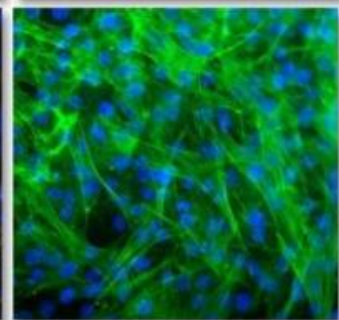
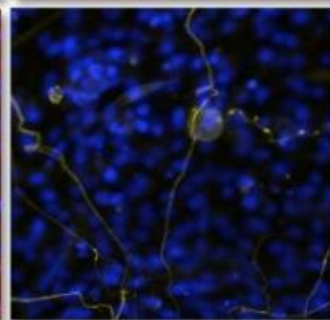
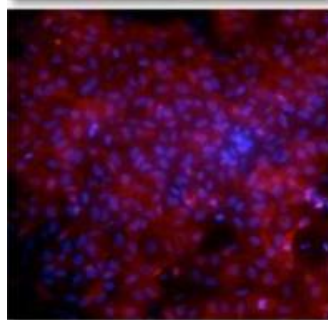
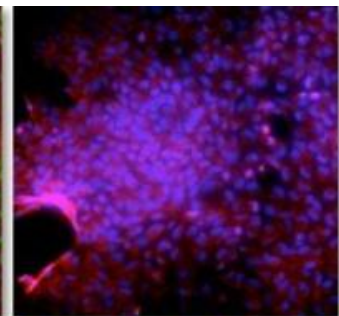
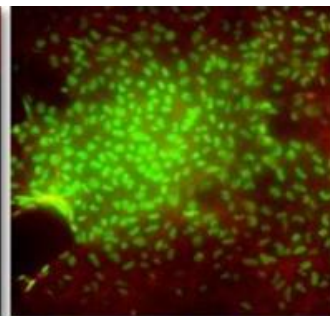
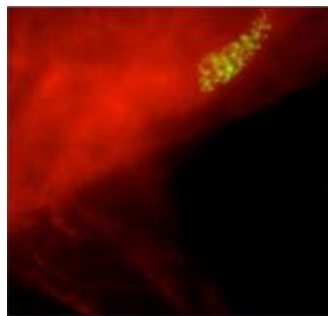
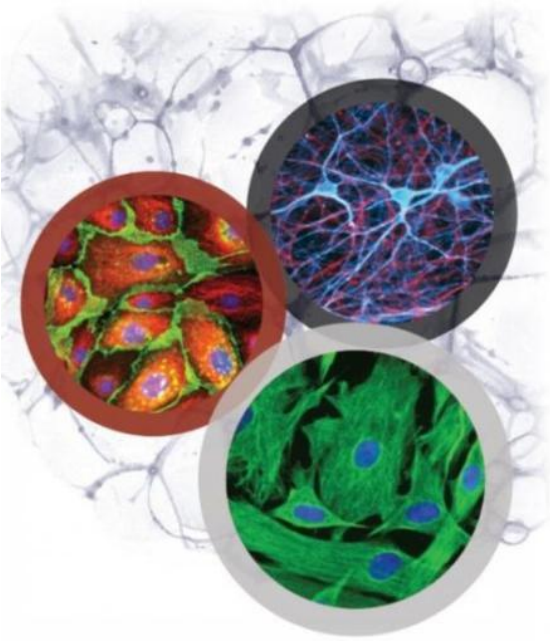




# CELL

## APPLICATIONS, INC.



# 原代细胞

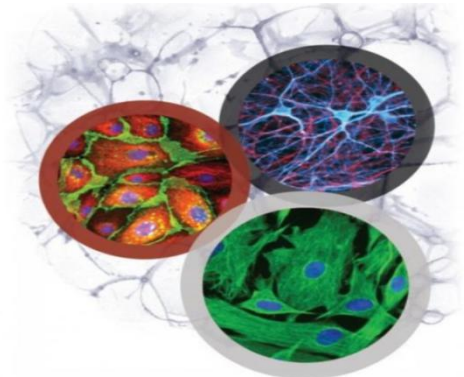
Cell Applications, Inc (CAI) 是一家专注于细胞生物学产品开发的生物技术公司，产品主要为人、动物（牛、犬、鸡、猫、小鼠、猪、兔子、大鼠）原代细胞以及相关细胞培养配套试剂，日本 Yamanaka 博士用该公司的人真皮成纤维细胞(Human dermal fibroblast, HDF) 首次成功发明了 IPS。

Cell Applications 细胞产品具有低代次、稳定、高活力、高转染效率等特点，其生产及质控管理、运输等操作完全按照 ISO 9001 和 cGMP 标准执行。

客户可根据物种、种族、捐献者、性征、病理、代次、培养条件、批次等因素选择细胞以达到实验目的。

原代细胞种类及示例			
物种	组织类型	细胞类型	示例
人	气道	微血管内皮细胞	HUVEC, fetal
牛	血液	血细胞	HUVEC, neonatal
犬	骨/关节/骨骼肌	软骨细胞	HUVEC, pooled
鸡	心脏	心肌细胞	HDF, adult
猫	中枢神经系统	星形胶质细胞	HDF, neonatal
大鼠	眼组织	平滑肌细胞	BAOEC
小鼠	脂肪	上皮细胞	HTEpC
猪	毛细胞	毛细胞	Mouse Neural Stem Cells
兔	肝脏	肝实质细胞	PCASMC
	乳腺	成纤维细胞	PPAEC
	胎盘组织	角蛋白细胞	RbCEpC
	皮肤	黑色素细胞	CAOSMC
	脐带	干细胞	
	泌尿生殖系统	神经元	
		成骨细胞	
		骨骼肌细胞	
		内皮细胞	
		脂肪细胞	
		滑膜细胞	

更多信息请登录：<https://www.cellapplications.com/primary-cells>



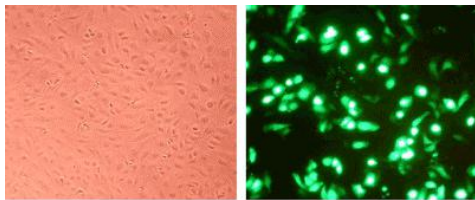
# Cytofect™系列转染试剂盒

Cell Applications 的 Cytofect™ 系列转染试剂盒可以将 DNA 转染至原代内皮细胞、上皮细胞、成纤维细胞、角质形成细胞以及细胞系中。Cytofect™ 系列转染试剂盒与其他品牌转染试剂相比具有较高的转染效率以及较低的毒性。为了给客户方便，Cytofect™ 系列转染试剂盒包含转染试剂、增强剂、转染培养基、生长培养基。

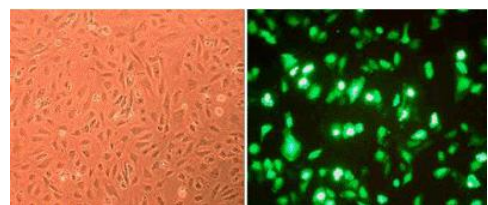
## 产品优势

### 高效率

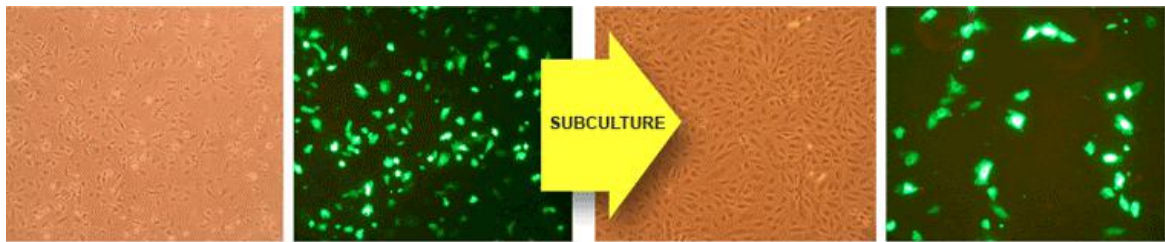
人主动脉内皮细胞(HAOEC)



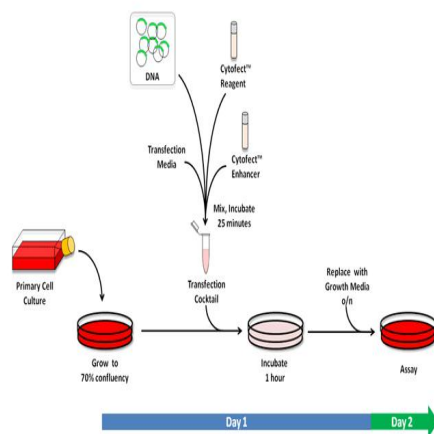
人冠状动脉内皮细胞(HCAEC)



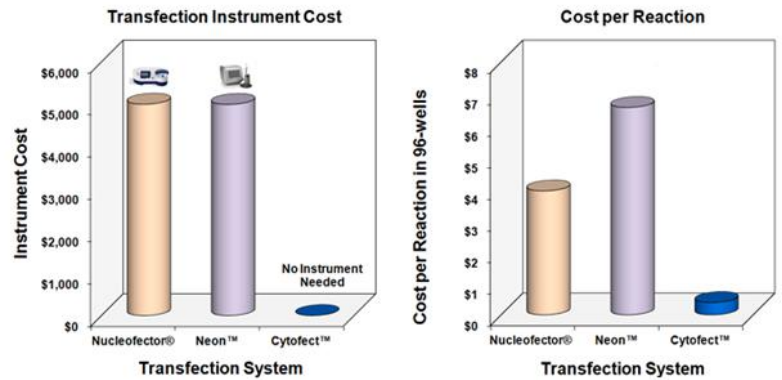
### 低毒性



### 操作简便



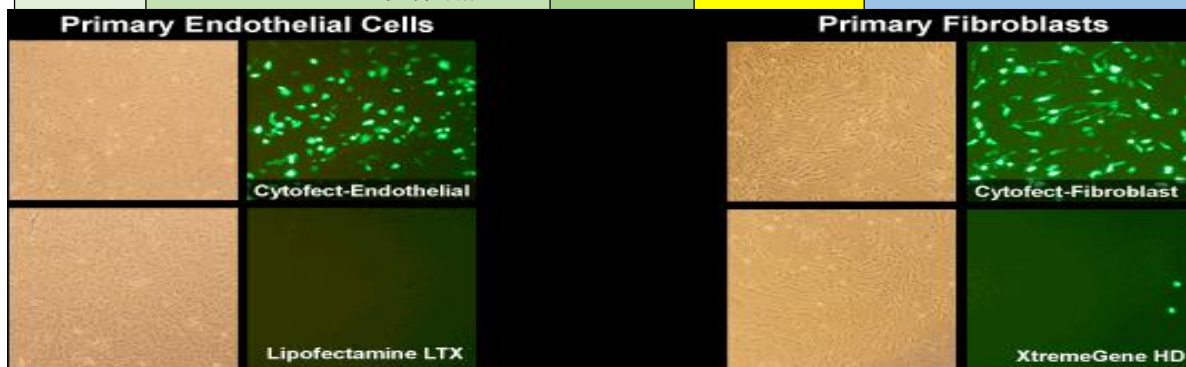
### 低成本



## Cytofect™系列转染试剂盒

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Cytofect™ 系列转染试剂盒				
货号	产品名称	转染效率	细胞存活率	已成功转染细胞
TF101K	Cytofect™ Endothelial Cell Transfection Kit (内皮细胞)	40%-85%	80%-95%	HUVEC, HAOEC, HCAEC, HPAEC, HLMVEC, HDLMVEC, HDBMVEC, BAOEC, BCAEC, PAEC, RAOEC, RBMVEC
TF102K	Cytofect™ Epithelial Cell Transfection Kit (上皮细胞)	40%-70%	70%-95%	HBEpC, HTEpC, HMpC, HEK
TF103K	Cytofect™ Fibroblast Transfection Kit (成纤维细胞)	30%-70%	90%-95%	HDF, HCF, HLF
TF104K	Cytofect™ Cell Line Transfection Kit	40%-90%	80%-95%	293, CHO, Hela, MCF-7
TF200K	Cytofect™ HUVEC Transfection Kit (人脐静脉血管内皮细胞)	45%-65%	85%-95%	HUVEC
TF350K	Cytofect™ Smooth Muscle Transfection Kit (平滑肌细胞)	40%-90%	80%-95%	HAOSMC, HCASMC, HPASMC, HITASMC, HCTASMC, HBCASMC, HScASMC, HUVSMC
TF780K	Cytofect™ Hepatocyte Transfection kit (肝细胞)	40%	70%-95%	Rat Hepatocytes (RH)
TF802K	Cytofect™ Preadipocyte Transfection Kit (前脂肪细胞)	25%	80%-95%	HPAd
TF402K	Cytofect™ Chondrocyte Transfection Kit (软骨细胞)	35%	80%-95%	HC





## Cell RNA

Cell Applications 拥有细胞总 RNA 系列产品，采用改良硫氰酸胍法从人或其他动物模型中提取总 RNA，产品浓度为 1mg/ml，提供 10ug、25ug 两种规格，适用于微阵列杂交、cDNA 合成和实时荧光检测等下游实验。

CAI 总 RNA 产品列表		
名称	来源细胞	货号
BAOEC RNA	Bovine Aortic Endothelial Cells	B304-R10, B304-R25
BBMVEC RNA	Bovine Brain Microvascular Endothelial Cells	B840-R10, B840-R25
BPAEC RNA	Bovine Pulmonary Artery Endothelial Cells	B302-R10, B302-R25
BRAEC RNA	Bovine Renal Artery Endothelial Cells	B900-R10, B900-R25
CADMEC RN	Human Dermal Microvascular Endothelial Cells, neonatal	100-R10n, 100-R25n
	Human Dermal Microvascular Endothelial Cells, Stimulated, neonatal	100S-R10n
	Human Dermal Microvascular Endothelial Cells, adult	100-R10a
CnAOEC RNA	Canine Aortic Endothelial Cells	Cn304-R10, Cn304-R25
CnC RNA	Canine Chondrocytes	Cn402RD-R10, Cn402RD-R25
HA RNA	Human Astrocytes, fetal	882A-R10f, 882A-R25f
HAd RNA	Human Adipocytes, Subcutaneous, adult	803sD-R10a, 803sD-R25a
HBcASMC RNA	Human Brachiocephalic Artery Smooth Muscle Cells, adult	3512-R10a, 3512-R25a
HCASMC RNA	Human Coronary Artery Smooth Muscle Cells, adult	350-R10a, 350-R25a
HFLS RNA	Human Fibroblast-Like Synoviocytes, adult	408-R10a, 408-R25a
HMSC RNA	Human Human Marrow Stromal Cells, adult	492-R10a, 492-R25a
PAOSMC RNA	Porcine Aortic Smooth Muscle Cells	P354-R10, P354-R25
RCF RNA	Rat Cardiac Fibroblasts	R306-R10a, R306-R25a
HUVEC RNA	Human Umbilical Vein Endothelial Cells, neonatal	200-R10n, 200-R25n
更多信息请登录: <a href="https://www.cellapplications.com/cell-rna">https://www.cellapplications.com/cell-rna</a>		

## 生长因子及细胞因子

Cell Applications 提供生长因子及细胞因子产品，适用于癌症、血管生成、神经科学、凋亡、细胞信号传导、免疫等方面的研究。

我们提供由 E. Coli 系统表达的无菌、纯化蛋白，产品无内毒素、生物活性强、种类丰富、规格灵活，让您的实验如虎添翼。

### 生长因子及细胞因子部分产品列表

名称	描述	规格	货号
Artemin	Human Artemin	20 ug	RP1023-20
BAFF	Human B cell Activating Factor	20 ug	RP1024-20
BCA-1/CXCL13	Human Beta-cell Attracting Chemokine 1	20 ug	RP1027-20
BDNF	Human Brain Derived Neurotrophic Factor	10 ug	RP1001-10
BMP-2	Human Bone Morphogenetic Protein-2	10 ug	RP1053-10
CD40-Ligand	Human Cluster of Differentiation 40 Ligand	10 ug	RP1025-10
CD40-Ligand	Mouse Cluster of Differentiation 40 Ligand	25 ug	RP2010-25
Chemerin	Human Chemerin	25 ug	RP1036-25
CNTF	Human Ciliary Neurotrophic Factor	20 ug	RP1059-20
EG-VEGF	Human Endocrine Gland Vascular Endothelial Growth Factor	20 ug	RP1007-20
G-CSF	Human Granulocyte Colony Stimulating Factor	10 ug	RP1072-10
G-CSF	Mouse Granulocyte Colony Stimulating Factor	10 ug	RP2014-10
IFN $\gamma$	Rat Interferon gamma	20 ug	RP3004-20
IGF-I	Human Insulin-like Growth Factor I	20 ug	RP1034-20
IGF-I	Rat Insulin-like Growth Factor I	10 ug	RP3001-10
IL-10	Human Interleukin-10	10 ug	RP1083-10
IL-11	Human Interleukin-11	10 ug	RP1084-10
IL-13	Mouse Interleukin-13	10 ug	RP2022-10
IL-15	Mouse Interleukin-15	10 ug	RP2007-10
IL-17A	Human Interleukin-17A	25 ug	RP1087-25
IL-1 $\beta$	Rat Interleukin-1 beta	10 ug	RP3030-10
IL-21	Human Interleukin-21	10 ug	RP1090-10
IL-27 / EB13	Human Epstein-Barr Virus Induced Gene-3	10 ug	RP1162-10
MIP-1 $\alpha$ / CCL3	Rat Macrophage Inflammatory Protein-1 alpha	20 ug	RP3023-20
NGF $\beta$	Human Nerve Growth Factor beta	20 ug	RP1038-20
VEGF-120	Mouse Vascular Endothelial Growth Factor-120	10 ug	RP2052-10

更多信息请登录: <https://www.cellapplications.com/growth-factors-cytokines>

## ELISA Kit

Cell Applications 提供适用于人、小鼠或大鼠等物种的 ELISA 试剂盒产品，其灵敏度高、重复性好，可检测细胞培养上清、组织匀浆、血清、血浆等样品中的细胞因子、生长因子或其他生物蛋白。

### ELISA Kit 部分产品列表

名称	描述	规格	货号
ACE ELISA Kit, Human	Human Angiotensin-Converting Enzyme ELISA Kit	96 Wells	CL0557
Activin A ELISA Kit, Human	Human Activin A ELISA Kit	96 Wells	CL0301
Activin A ELISA Kit, Mouse	Mouse Activin A ELISA Kit	96 Wells	CL0302
B7-1/CD80 ELISA Kit, Mouse	Mouse B7-1/Cluster of Differentiation 80 ELISA Kit	96 Wells	CL0708
BAFF ELISA Kit, Mouse	Mouse B Cell Activating Factor ELISA	96 Wells	CL0664
BMP-2 ELISA Kit, Human	Human Bone Morphogenic Protein-2 ELISA Kit	96 Wells	CL0311
BMP-4 ELISA Kit, Human	Human Bone Morphogenic Protein-4 ELISA Kit	96 Wells	CL0314
Cardiotrophin-1 ELISA Kit, Human	Human Cardiotrophin-1 ELISA Kit	96 Wells	CL0563
Cathepsin B ELISA Kit, Mouse	Mouse Cathepsin B ELISA Kit	96 Wells	CL0671
CXCL1 ELISA Kit, Rat	Rat Chemokine (C-X-C Motif) Ligand 1 ELISA Kit	96 wells	CL0724
EGF ELISA Kit, Human	Human Epidermal Growth Factor ELISA Kit	96 Wells	CL0325
Emmprin ELISA Kit, Human	Human Extracellular MMP Inducer ELISA Kit	96 Wells	CL0751
ErbB-2 ELISA Kit, Human	Human Epidermal Growth Factor Receptor 2 / Erythroblastic Leukemia Viral Oncogene Homolog 2 ELISA Kit	96 Wells	CL0756
G-CSF ELISA Kit, Human	Human Granulocyte-Colony Stimulating Factor ELISA Kit	96 Wells	CL0360
IL-1RA ELISA Kit, Human	Human Interleukin Receptor-1 Antagonist ELISA Kit	96 Wells	CL0782
更多信息请登录: <a href="https://www.cellapplications.com/elisa">https://www.cellapplications.com/elisa</a>			