

SALE**2017**
1/3~4/15

細胞轉染試劑優惠

訂購 **TransIT-X2®** 轉染試劑 (1.5ml) 即可享 ibidi 指定商品半價加購優惠*, 加購品項適用於傷口癒合、免疫螢光染色、活細胞影像觀察等實驗, 優惠詳情請洽伯森業務專員 * 加購品項請見背頁說明, 限量加購壹組。

TransIT-X2® 新型 DNA/RNA 雙效轉染試劑

Delivery by
Mirus

TransIT-X2® 是由美商 Mirus Bio 公司獨家研發的新型高效率轉染試劑, 可同時適用於 plasmid DNA 與 siRNA/miRNA 的細胞轉染實驗。產品特性包含:

- 採用創新非脂質體聚合物配方 (non-liposomal polymer), 轉染效率更佳, 並能大幅降低細胞毒殺性
- 對於 plasmid DNA 及 siRNA/miRNA 皆具有高轉染效率, 可以進行 Co-transfection 實驗
- 不含任何動物來源成份, 可安心使用於 "animal origin-free" 實驗

Product**Cat. No.**

TransIT-X2® Dynamic Delivery System, 1.5ml MR-MIR6000

TransIT-X2®
Dynamic Delivery System

A549†
AsPC-1
BHK-21†
BJ†
BT-20
Caco-2
C2C12
CFPAC-1†
CHO-K1†
DI-TNC1
DU-145
Hep G2†
HCC1143†

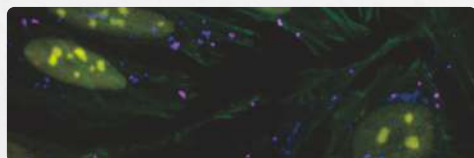
HCC38
HEK 293
HMEC (epithelial)†
HUVEC†
Immortalized Keratinocytes†
FreeStyle™ 293-F
MDA-MB-468†
MDCK†
NHDF†
NIH-3T3
L929†
LNCaP†
PC-12
RAW 264.7
T47D†

28**Lipofectamine®**
2000

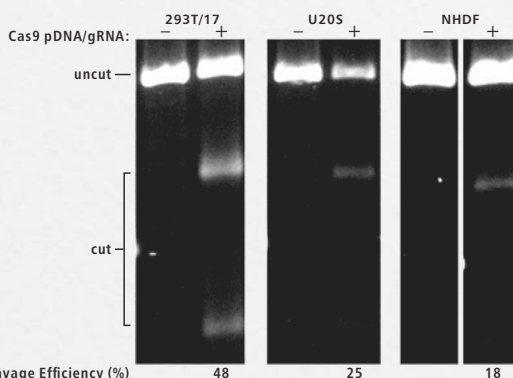
Keratinocytes†
MDA-MB-453
Neuro-2a
SH-SY5Y
SK-N-MC

5

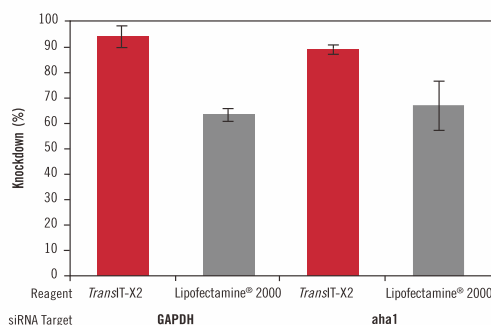
TransIT-X2® achieves better/comparable DNA delivery to Lipofectamine® 2000 in 36/41 cell types tested

**Functional Co-delivery of Plasmid DNA and siRNA Using the TransIT-X2® Dynamic Delivery System**

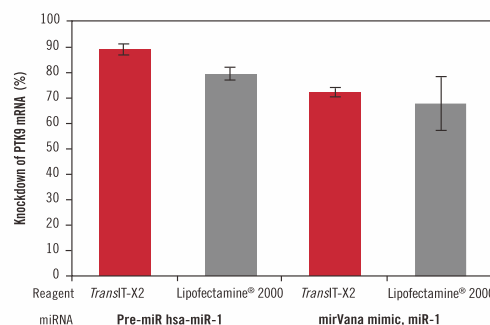
TransIT-X2® Dynamic Delivery System was used to transfect plasmid Cy5 labeled DNA encoding nuclear YFP and Cy3 labeled siRNA into HeLa cells. Image key: yellow (nuclear YFP), blue (Cy5 labeled DNA), red (Cy3 labeled siRNA), green (actin cytoskeleton).

**Efficient Genome Editing with Cas9 Plasmid DNA + Guide RNA Oligonucleotides**

HEK293T/17, U2OS and NHDF cells were co-transfected with 0.5 µg of Cas9 encoding pDNA and 50nM PPIB targeting 2-part gRNA using TransIT-X2® Dynamic Delivery System (2 µl/well of a 24-well plate, Mirus Bio). A T7E1 mismatch detection assay was used to measure cleavage efficiency at 48 hours post-transfection.

TransIT-X2® Dynamic Delivery System Achieves Higher Knockdown than Lipofectamine® 2000

TransIT-X2® Dynamic Delivery System and Lipofectamine® 2000 Transfection Reagent were used to transfect siRNA targeting endogenous proteins – GAPDH and AHA1 or to deliver a non-targeting siRNA control in normal human dermal fibroblasts (NHDF).

Effective miRNA Delivery Using TransIT-X2® Dynamic Delivery System Yields Decreased Levels of PTK9 mRNA

TransIT-X2® Dynamic Delivery System and Lipofectamine® 2000 Transfection Reagent were used to transfect Pre-miR™ hsa-miR-1 miRNA Precursor or mirVana™ miRNA mimic, miR-1, both known to decrease PTK9 mRNA levels. A Pre-miR™ negative control was also transfected to assess baseline mRNA levels.



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LIT# DM201703

Culture-Insert 2 Well | 3 Well | 4 Well

- 可節省細胞 ($2.1 \sim 4.9 \times 10^4$ cells/well) 與培養基 ($70 \sim 110 \mu\text{l/well}$) 的使用量
- 細胞間隔框架以矽膠組成，並採無膠接合設計，無需擔心物質殘留造成細胞毒害
- 可自行貼附在任何光滑的乾燥表面，使用彈性便利
- 相較 Scratch assay，不會有刮傷細胞或 coating 表面的疑慮
- 操作簡單，可精確量化實驗結果，有效提高實驗再現性
- 應用實驗：Wound Healing Assays, Migration Assays, 2D Invasion Assays, Co-Cultivation of Cells



Product	Description	Qty/Pk	Cat. No.
Culture-Insert 2 Well	Culture-Insert 2 Well in μ -Dish 35 mm, high ibiTreat: ready to use, tissue culture treated, sterilized	30	IB-81176
	25 Culture-Inserts 2 Well for self-insertion: in a 10 cm transport dish, sterilized	25	IB-80209
	Culture-Insert 2 Well 24 ibiTreat: a μ -Plate 24 Well with 24 ready to use Culture-Inserts 2 Well, tissue culture treated, sterilized	3	IB-80241
Culture-Insert 3 Well	Culture-Insert 3 Well in μ -Dish 35 mm, high ibiTreat: ready to use, tissue culture treated, sterilized	30	IB-80366
	25 Culture-Inserts 3 Well for self-insertion: in a 10 cm transport dish, sterilized	25	IB-80369
Culture-Insert 4 Well	Culture-Insert 4 Well in μ -Dish 35 mm, high ibiTreat: ready to use, tissue culture treated, sterilized	30	IB-80466
	25 Culture-Inserts 4 Well for self-insertion: in a 10 cm transport dish, sterilized	25	IB-80469



Immunofluorescence Chamber

- 由矽膠材質透明框架與玻片所組成，撕下框架輕鬆不費力
- 可同時進行 3/ 8/ 12 組平行測試實驗
- 3 well chamber 另提供專用玻片，可在節省抗體染劑用量的同時 ($150 \mu\text{l/well}$)，仍保有大範圍觀察面積
- 適合細胞培養與免疫螢光染色實驗使用，染色結果可以一般蓋玻片封片後長期保存
- 適用於正立式及倒立式顯微鏡觀察

Product	Qty/Pk	Cat. No.
3 Well Chamber, removable	15	IB-80381
8 Well Chamber, removable	15	IB-80841
12 well Chamber, removable	15	IB-81201



μ -Slide and μ -Dish

- 超薄底設計，厚度符合 No.1.5 標準蓋玻片厚度，上高倍率顯微鏡觀察也沒問題
- ibiTreat 底部適合各類細胞貼附及生長
- 極佳的物理及化學耐受性，相容於多種常見之固定試劑 (methanol, acetone, paraformaldehyde)

Product	Qty/Pk	Cat. No.
μ -Slide 2 well ibiTreat	15	IB-80286
μ -Slide 2 well Ph+ ibiTreat	15	IB-80296
μ -Slide 4 well ibiTreat	15	IB-80426
μ -Slide 4 well Ph+ ibiTreat	15	IB-80446
μ -Slide 8 well ibiTreat	15	IB-80826
μ -Slide 2 x 9 well ibiTreat	15	IB-81806

Product	Qty/Pk	Cat. No.
μ -Dish 35 mm, low ibiTreat	60	IB-80136
μ -Dish 35 mm, low ibiTreat Grid-500	60	IB-80156
μ -Dish 35 mm, high Glass Bottom Grid-50	30	IB-81148
μ -Dish 35 mm, high ibiTreat	60	IB-81156
μ -Dish 35 mm, high Glass Bottom	60	IB-81158
μ -Dish 35 mm, high ibiTreat Grid-500	60	IB-81166
μ -Dish 35 mm, high Glass Bottom Grid-500	30	IB-81168