

Product Data Sheet

Product Name: Lipo3000 Transfection Reagent
Cat. No.: GK20006

Components

Components	0.25 mL	0.75 mL
Lipo3000 Transfection Reagent	0.25 mL	0.75 mL
P-3000 Reagent	0.25 mL	0.75 mL

Store at 4°C. Do not freeze.

Protocol

1.
 将细胞接种到含有生长因子的培养基中，使细胞达到70-90%汇合。
 细胞密度为 $2-4 \times 10^6$ /ml

2. Lipo3000 Transfection Reagent

3. siRNA
 siRNA 与 DNA 或 siRNA 按照 P3000 1:3 的比例

4. Lipo3000

1. 将细胞接种到含有生长因子的培养基中，使细胞达到70-80%汇合。
 2.
 3. 12-24h
 4. DNA siRNA
 5. DNA
 Lipo3000 1:0.5~1:5 DNA(μ g) Lipo3000 (μ l)
 6. DNA RNA 0.5-5 μ g/ μ L RNA

 7. Opti-MEM

Caution: Product has not been fully validated for medical applications. For research use only.
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8 2h 2% 4-6h
9 24h 1:10

Background

GMax™ Liposome3000 Transfection Reagent contains liposome nanoparticle technology, which can provide excellent transfection performance and improve the results and reproducibility of related applications. This reagent has excellent transfection efficiency and can improve cell activity, and is widely used in difficult to transfect and common cell types (such as HEK293 and Hela cells). In the process of successfully transfecting a wide range of cell types related to biological research, this reagent can:

- Provides excellent performance-our reagents that achieve the highest transfection efficiency for cell types that are difficult to transfect (the cell types that can be efficiently transfected include: fibroblasts (3T3, COS-7), myoblasts (C2C12 , L6 CRL-1458), liver cells (HepG2, HuH7), red leukemia cells (K562), breast cancer (MCF7, Hs578T), prostate cancer (LNCap), lung cancer cells (A549, NCI-H460), osteosarcoma cells (U-2 OS, Saos-2), colon cancer cells (Caco2, SW480), pancreatic cancer cells (PANC-1) Skin melanoma cells(SK-MEL-28)
- Improve cell activity-gentle on cells and very low toxicity (this liposome dosage can maintain a high transfection efficiency in a wide dynamic range, and can be optimized easily and quickly as needed. For related applications where damage is minimized, the use of low-toxic liposomes is recommended)

GMax™ Liposome 3000 HEK293 Hela

- 3T3 COS-7 C2C12 L6 CRL-1458 HepG2 HuH7 K562 (MCF7, Hs578T) (LNCap) (A549, NCI-H460) (U-2 OS, Saos-2) (Caco2, SW480) (PANC-1) (SK-MEL-28)

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