

HyFect® mRNA-Xpert Transfection Reagent

Catalog Number	LDG0003RA
Package	500 µL / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

HyFect® mRNA-Xpert Transfection Reagent is specifically designed to introduce mRNA into mammalian cells with minimal cellular toxicity. By delivering mRNA directly to the cytoplasm, it bypasses transcriptional regulation, enabling immediate expression. This method also avoids the risk of genetic integration, thereby minimizing the potential for mutations associated with plasmid DNA.

Product Note

HyFect® mRNA-Xpert Transfection Reagent is recommended for use with Gibco™ Opti-MEM™ I Reduced-Serum Medium or Gibco™ OptiPRO™ SFM for alternative optimizing transfection efficiency.

Specifications

Application

Cell transfection.

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- Stored at -20°C.
- All reagents are stable for one year under proper storage conditions.

Image

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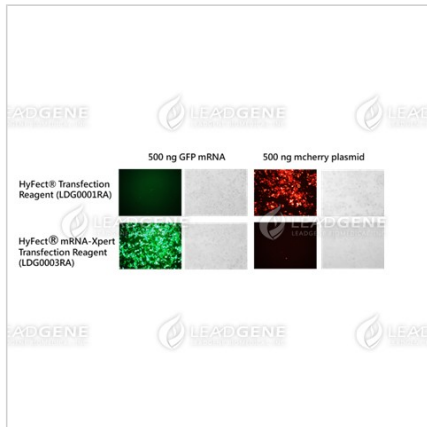
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Transfection: Cells were transfected with 500 ng of GFP mRNA (left) or mCherry plasmid (right) using two different transfection reagents. The upper row shows results using HyFect® Transfection Reagent (LDG0001RA), with strong fluorescence for mCherry, indicating high transfection efficiency for plasmid. The lower row shows results using HyFect® mRNA-Xpert Transfection Reagent (LDG0003RA), which exhibits significantly stronger GFP (green) fluorescence. Bright-field images are shown alongside fluorescence images to visualize cell morphology.

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