

Xfect™ RNA Transfection Reagent

Catalog No.	Amount	Lot Number
631450	1.2 ml	Specified on product label.

Description

Xfect RNA Transfection Reagent is a complete system for highly efficient transfection of mammalian cells with all types of RNA, including messenger RNA (mRNA), small interfering RNA (siRNA), and single guide RNA (sgRNA). The protocol is simple, and transfections can be carried out entirely in the presence of serum. Xfect RNA Transfection Reagent creates biodegradable nanoparticles when combined with RNA, resulting in very low cytotoxicity.

Package Contents

- 2 x 600 µl Xfect RNA Transfection Polymer
- 2 x 12 ml Xfect Reaction Buffer

Storage Conditions

- Store Xfect RNA Transfection Polymer and Xfect Reaction Buffer at –20°C. Do not thaw until ready to use. Once thawed, store at 4°C for up to 12 months.

NOTE: The Xfect RNA Transfection Polymer is a milky suspension and should be vortexed briefly prior to use to ensure that it is fully resuspended.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://www.takarabio.com/manuals)
The following documents apply to this product:

- Xfect RNA Transfection Reagent Protocol-At-A-Glance

Quality Control Data

Transfection Test for Xfect RNA Transfection Polymer

HeLa cells were transfected with 1 µg of GFP mRNA in one well of a 12-well plate, according to the protocol outlined in the Xfect RNA Transfection Reagent Protocol-At-A-Glance. 48 hours post-transfection, the transfection efficiency was determined via flow cytometry and found to be greater than 70%.

Sterility Test

There was no evidence of bacterial or fungal growth after inoculation on blood agar, thioglycolate medium, or Sabouraud dextrose agar.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 91

This product is intended for in vitro research purposes only. It may not be used for (i) any human or veterinary use, including without limitation therapeutic and prophylactic use, (ii) any clinical use, including without limitation diagnostic and prognostic use, (iii) screening of chemical and/or biological compounds for the identification of pharmaceutically active agents (including but not limited to screening of small molecules), target validation, preclinical testing services, or drug development or (iv) any commercial purposes, including without limitation the performance of contract research or provision of services to a third party and the manufacture of products for general sale. Any use of this product for any of the abovementioned purposes requires a license from the Massachusetts Institute of Technology.

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