Xfect™ RNA Transfection Reagent

Catalog No. 631450  
Amount 1.2 ml  
Lot Number 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.

Shelf Life
- 1 year from date of receipt under proper storage conditions.

Shipping Conditions
- Dry ice (−70°C)

Product Documents
Documents for Clontech® products are available for download at www.clontech.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.
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NOTICE TO PURCHASER:

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Clontech Laboratories, Inc.

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

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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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