

Xfect™ Transfection Reagent

Catalog Nos.	Amount	Lot Number
631317	100 rxns	Specified on product label.
631318	300 rxns	

Description

Xfect Transfection Reagent creates biodegradable nanoparticles that permit superior transfection efficiency of plasmid DNA into mammalian cells. Transfections can be carried out entirely in the presence of serum.

Package Contents

Cat. No. 631317 (100 rxns):

- 2 tubes Xfect Polymer (75 µl each)
- 2 tubes Xfect Reaction Buffer (12 ml each)

Cat. No. 631318 (300 rxns):

- 3 tubes Xfect Polymer (150 µl each)
- 3 tubes Xfect Reaction Buffer (24 ml each)

Storage Conditions

- Store Xfect Polymer in desiccant at –20°C. Do not thaw until ready to use. Once thawed, store at 4°C for up to 12 months.
- Store Xfect Reaction Buffer at –20°C. Do not thaw until ready to use. Once thawed, store Xfect Reaction Buffer at 4°C for up to 12 months.
- After each use, make sure that the cap for the Xfect Polymer is closed tightly and return to the supplied foil pouch containing desiccant.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Xfect Transfection Reagent Protocol-At-A-Glance

Takara Bio USA, Inc.

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Quality Control Data

Transfection Test

HeLa cells were transfected with 5 µg of plasmid DNA encoding AcGFP1 according to the protocol outlined in PT5003-2. 48 hr posttransfection, AcGFP1 expression was assessed by flow cytometry and transfection efficiency (as determined by the percentage of HeLa cells expressing AcGFP1) was demonstrated to be >75%.

Sterility Test

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

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

Xfect™ Transfection Reagent

CATALOG NOS.

631317 & 631318

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 63

Use of this product is covered by one or more of the following U.S. Patent Nos. and corresponding patent claims outside the U.S.: 6,998,115; 7,427,394. This product is intended for 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 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. Any use of this product for any of the above mentioned purposes requires a license from the Massachusetts Institute of Technology.

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