

Certificate of Analysis

Xfect™ Protein Transfection Reagent

Catalog No.	Amount	Lot Number
631325 (Not sold separately)	30 rxns	Specified on product label.
631327 (Not sold separately)	100 rxns	Specified on product label.
Sold as part of 631323 & 631324		

Description

The Xfect Protein Transfection Reagent allows the delivery of proteins and antibodies into cell lines in less than two hours. Delivery efficiency is high (60–99%), and proteins retain their biological activity.

Package Contents

631325 (30 rxns)

- 2 tubes Xfect Protein Transfection Reagent (15 rxns/tube)
- 5 ml Xfect Protein Buffer
- 5 ml Deionized H₂O

631327 (100 rxns)

- 2 tubes Xfect Protein Transfection Reagent (50 rxns/tube)
- 10 ml Xfect Protein Buffer
- 10 ml Deionized H₂O

Storage Conditions

- Store Xfect Protein Buffer & Deionized H₂O at 4°C for up to 1 year.
- Store lyophilized Xfect Protein Transfection Reagent at 4°C for up to 1 year.
- After dissolving Xfect Protein Transfection Reagent in water, store in small aliquots at –20°C for up to 6 months.

Expiration Date

- Specified on product label.

Shipping Conditions

- Blue ice

Product Documents

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

The following documents apply to this product:

- Xfect Protein Transfection Protocol

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.com

United States/Canada
800.662.2566
(032423)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999

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Quality Control Data

Activity

Xfect Protein Transfection Reagent was used to deliver the Beta-Galactosidase Control protein into HeLa cells. At least 90% of the cells were successfully transfected with the control protein as measured by staining and also demonstrated signal >100-fold over non-transfected cells in a beta-galactosidase luminescence assay.

Identity

Xfect Protein Transfection Reagent is an individual peptide compound isolated to > 90% purity. The purity and identity of each lot of the peptide are confirmed by HPLC and mass spectrometry, respectively.

Sterility

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™ Protein Transfection Reagent

CATALOG NOS.

631325 & 631327

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.

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