

Xfect™ Transfection Reagent Sample

Catalog No. 631316 (Not for sale)	Amount 25 rxns	Lot Number Specified on product label.
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Description

Xfect is a transfection reagent that 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

- 40 µl Xfect Polymer
- 5 ml Xfect Reaction Buffer

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.

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 Transfection Reagent Protocol-At-A-Glance (PT5003-2)

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.

Clontech Laboratories, Inc.

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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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