

NEW PRODUCT

Greater Transfection Efficiency, Lower Cytotoxicity

AccuFect™ Transfection Reagent

The reagent efficiently introduces nucleic acids into various types of eukaryotic cells for transfection.

Expression of RFP DNA using **AccuFect™** Transfection Reagent

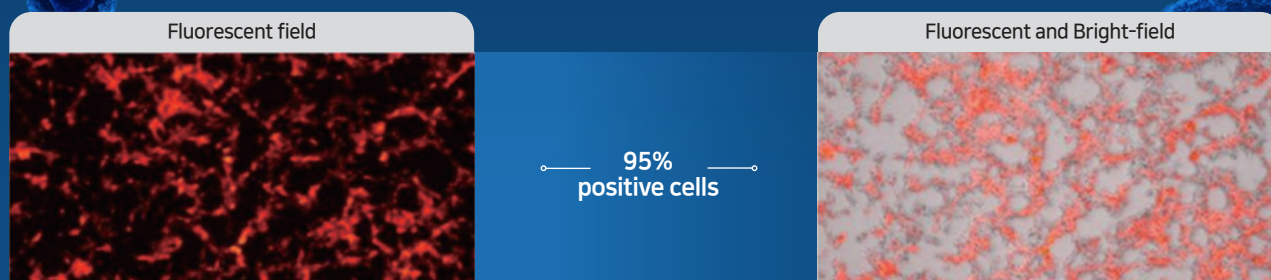


Figure 1. (left) Fluorescent image and (right) fluorescent + bright field image showing the expression level of RFP DNA. RFP DNA was transfected into 293T cells using **AccuFect™** Transfection Reagent from BIONEER and the transfection efficiency was measured to be around 95%.

Why is BIONEER's **AccuFect™** a better choice?



Both DNA/RNA transfection is possible



Low cytotoxicity and high cell viability



Higher transfection efficiency than competitors'



Product
Information



Specification

AccuFect™ Transfection Reagent	
Option	1 ml
Storage temperature	-20°C
Sample type	DNA/RNA
Shipping condition	Dry ice



Recommended for the following laboratories!



I want to transfect different gene formats, conveniently using one type of reagent

I am facing cell toxicity issues during transfection



I need a significant transfection result

I wish for a more economic use of lab budget



Comparison between Competitor's and *AccuFect*™ Transfection Reagent

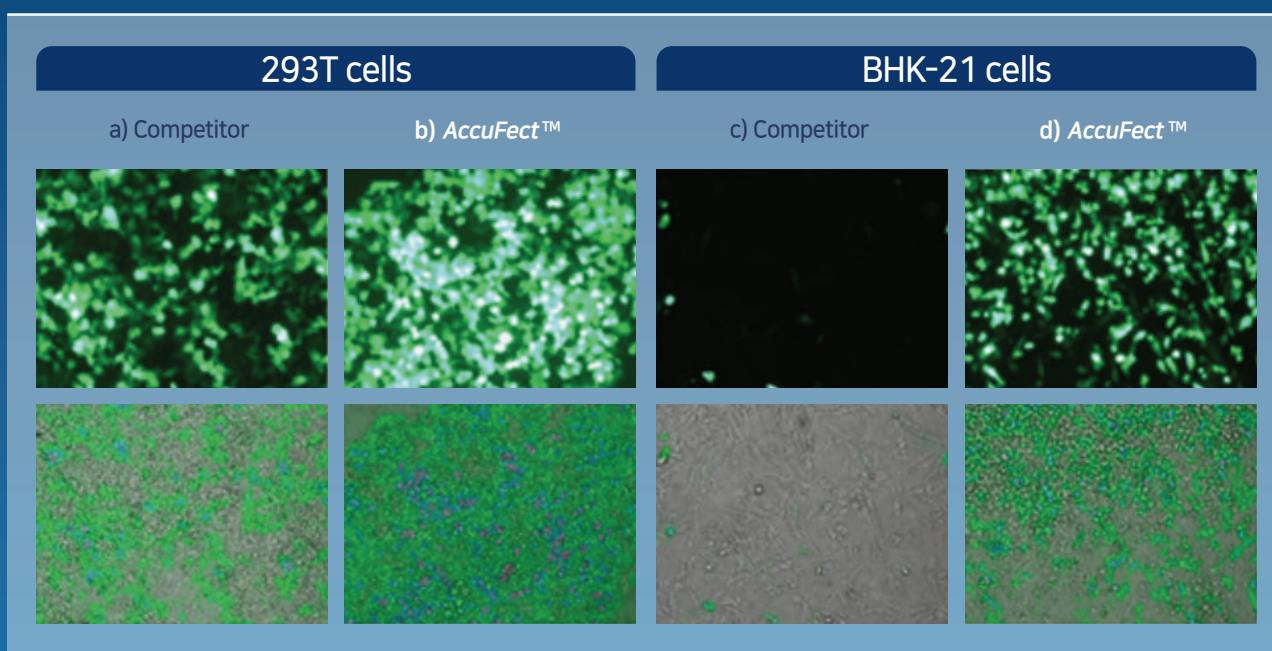


Figure 2. BIONEER's *AccuFect*™ Transfection Reagent showed higher expression level of GFP DNA in both 293T cells and BHK-21 cells than that of the Competitor's.

a)-d). (top) Fluorescent image and (bottom) fluorescent and bright-field image showing the expression level of GFP DNA in:

- a) 293T cells using Competitor's transfection reagent.
- b) 293T cells using BIONEER's *AccuFect*™ Transfection Reagent.
- c) BHK-21 cells using Competitor's transfection reagent.
- d) BHK-21 cells using BIONEER's *AccuFect*™ Transfection Reagent.



Types of cell lines applicable to *AccuFect*™ Transfection Reagent

Cell Line	Efficiency (% GFP)	Best record
293T	>90%	98%
BHK-21	>80%	96%
HuH-7	>75%	95%
HepG2	>75%	92%
Vero	>40%	82%
HMEC-1	>40%	65%
U118 MG	>25%	43%
SKNSH	>25%	58%
CHO-K1	>70%	90%
MDCK	>65%	79%

Other cell lines
which can be transfected
are as shown below:

THP-1	SP2/0
A549	SF9
HUVEC	C6/36
PBMCs	HeLa
K562	P3X63Ag8
HT-29	S2

Contact Us

Bioneer Corporation

8-11 Munpyeongseo-ro, Daedeok-gu
Daejeon, 34302, Republic of Korea
Tel: +82-42-930-8777 (Korea: 1588-9788)
Fax: +82-42-930-8688
E-mail: sales@bioneer.com

Bioneer Corporation

Bionner Global Center, 71, Techono 2-ro
Yuseong-gu, Daejeon, 34013, Republic of Korea
Tel: +82-42-939-6333
Fax: +82-42-939-6444
E-mail: sales@bioneer.com

Bioneer Inc.

155 Filbert St. Suite 216
Oakland, CA 94607, USA
Toll Free: +1-877-264-4300
Fax: +1-510-865-0350
E-mail: order.usa@bioneer.us.com

Bioneer R&D Center

Korea Bio Park BLDG #B-702
700 Daewangpangyo-ro, Bundang-gu, Seongnam-si
Gyeonggi-do, 13488, Republic of Korea
Tel: +82-31-628-0500
Fax: +82-31-628-0555