

Transfection Reagent: BioT

Introduction

BioT is a lipid-based transfection reagent designed and formulated with proprietary technology for introducing DNA, siRNA and anti-sense oligonucleotides into a variety of eukaryotic cell lines and primary cells. It provides laboratories an excellent transfection reagent with high transfection efficiency, low cytotoxicity and low cost.

Features

- High transfection efficiency for a broad range of adherent cells
- Low toxicity
- Convenient to use: simple to use and very stable

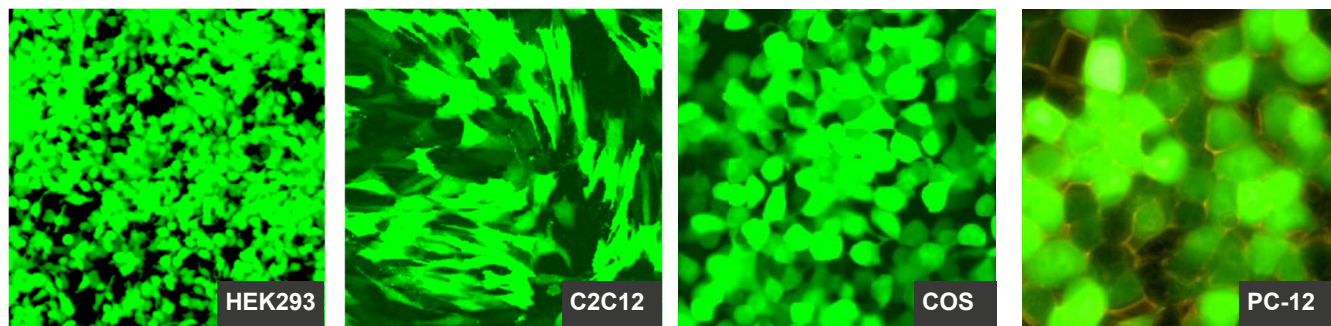


Figure: HEK293 , COS, C2C12 and PC-12 cells were transfected with pEGFP. Pictures were taken 48 hours post-transfection.

Order Information

Cat. No.	Product Description	Size	List Price	Your Price	Promo Code
B01-01	Transfection reagent BioT (Transfect 330 samples in 6-well dish)	1 ml	\$320.00	\$280.00	BL006
B01-02	Transfection reagent BioT (Transfect 1320 samples in 6-well dish)	4x1 ml	\$1,150.00	\$1,000.00	BL009
B01-03	Transfection reagent BioT (Transfect 3330 samples in 6-well dish)	10x1 ml	\$2,600.00	\$2,250.00	BL010

Table 1: Cost comparison (based on standard usage)

Culture dish	Vol. Of Plating Medium	FuGENE-6		Lipofectamine-2000		BioT	
			\$587/1.0ml		\$751/1.5ml		\$320/1.0ml
10 cm	10 ml	30 µl	\$17.61	40 µl	\$20.02	15 µl	\$4.80
60 mm	3 ml	9 µl	\$5.28	12 µl	\$6.00	4.5 µl	\$1.44
35 mm	2 ml	6 µl	\$3.52	10 µl	\$5.00	3 µl	\$0.96

Selected publications of BioT

1. Control of iron homeostasis by an iron-regulated ubiquitin ligase. Vashisht AA, Zumbrennen KB, Huang X, Powers DN, Durazo A, Sun D, Bhaskaran N, Persson A, Uhlen M, Sangfelt O, Spruck C, Leibold EA, Wohlschlegel JA. **Science**. 2009 Oct 30; 326 (5953): 718-21.
2. Permissive secondary mutations enable the evolution of influenza oseltamivir resistance. Bloom JD, Gong LI, Baltimore D. **Science**. 2010 Jun 4;328(5983):1272-5.
3. Antibody-based protection against HIV infection by vectored immunoprophylaxis. Balazs AB, Chen J, Hong CM, Rao DS, Yang L, Baltimore D. **Nature**. 2011 Nov 30;481(7379):81-4.
4. Regulation of an RNA granule during spermatogenesis: acetylation of MVH in the chromatoid body of germ cells. Nagamori I, Cruickshank VA, Sassone-Corsi P. **J Cell Sci**. 2011 Dec 15;124(Pt 24):4346-55.
5. Regulation of Adipose Differentiation by Fructose and Glut5. Du L, Heaney AP. **Mol Endocrinol**. 2012 Jul 24.
6. MMS19 assembles iron-sulfur proteins required for DNA metabolism and genomic integrity. Stehling O, Vashisht AA, Mascarenhas J, Jonsson ZO, Sharma T, Netz DJ, Pierik AJ, Wohlschlegel JA, Lill R. **Science**. 2012 Jul 13;337 (6091):195-9.