*Trans*IT®-Oligo Transfection Reagent

- Specifically designed for efficiently transfecting a wide range of oligonucleotides into cells.
- Significantly reduced levels of cell damage compared to other leading transfection reagents.

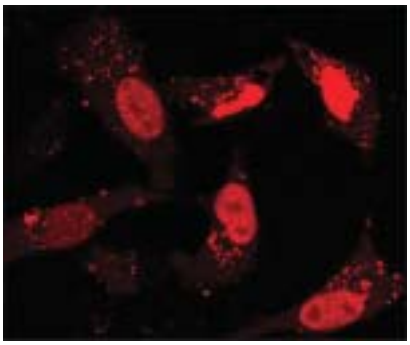
***Trans*IT®-Oligo Transfection Reagent** was specifically developed for efficiently transfecting a wide range of oligonucleotides and oligoribonucleotides in cells. TransIT®-Oligo provides this high efficiency delivery with the same ease-of-use and high reproducibility found in the rest of the TransIT® line of products. In addition, TransIT®-Oligo Reagent transfections do not require media changes and can be carried out in serum-containing media.

Oligonucleotides tested include :
phosphodiester DNA, phosphothioate DNA (sDNA), phosphothioate RNA (sRNA), 2'OMe RNA, 2'OMe RNA/sDNA Chimerics, and Morpholino/DNA duplexes.

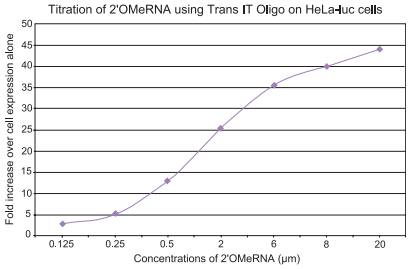
Description	Cat.#	Qty
*Trans*IT®-OligoTransfection Reagent	**U27091**	1 ml(*)
	U27090	0.4 ml
	U27092	5 x 1 ml
	U27093	10 x 1 ml

(*) 1 ml provides sufficient reagent to perform up to 500 transfections in 24 well plates.

***Trans*IT®-Oligo Transfection Reagent Efficiency**



HeLa cells transfected with *Trans*IT®-Oligo Reagent and Cy™3 end labeled phosphothioate DNA oligo in complete media for 24 hours.



Fold increase in expression of firefly luciferase due to 2'OMe RNA blocking an engineered splice site and preventing transcription of the mis-spliced luciferase, allowing for the full length luciferase transcript. Various concentrations of anti-LucSplice 2'OMe RNA oligo (0, 0.125, 0.25, 0.5, 2.0, 6.0, 8.0 and 20 µM) were complexed with *Trans*IT®-Oligo transfection reagent and transfected into the HeLa-Luc 705 cells in their complete media. Twenty-four hours post-transfection, cell lysates were assayed for firely luciferase expression.

Magnetic system Transfection

- Greatly improved transfection rates
- Low vector doses
- No toxicity
- Short-term incubation with the transfection reagent
- Functional with serum-free
- Successfully used on many cell lines
- Highly cost-effective

Magnetic system Transfection is a novel, and highly efficient method to transfect cells in culture. Gene vectors (plasmid DNA, oligonucleotides or siRNA) are associated with magnetic particles. Magnetic force draws the vectors towards and delivered into the target cells leading to efficient transfection.

Description	Cat.#	Qty
PolyMag	**BC3013**	200 µg
	BC3015	1000 µg
CombiMag	**BC3030**	100 u
	BC3031	1000 u
Magnetic Plate	**BC3050**	1 Unit

Related product

Description	Cat.#
MIRAClean Endotoxin Removal Kit	**T82460**

Transfectol™

Mammalian and Insect Cell Transfection Reagent

- Exceptional transfection efficiency for a broad range of cell types
- High levels of recombinant protein production
- Very low cytotoxicity
- Simple, robust transfection procedure
- Effectively transfects cells in the presence or absence of serum
- Effectively transfects both adherent and suspension cell cultures

Transfectol™ is an exceptional transfection reagent using proprietary technology. The unique combination of features enables Transfectol™ to effectively condense DNA into positively charged particles that bind to and enter the cell via endocytosis.
Upon entry into the cell, the Transfectol™-DNA complex protects the DNA from endosomal degradation and induces premature endosome escape due to osmotic swelling and rupture. Transfectol™ reagent efficiently transfects HEK-293, CHO, COS, HeLa, insect cell lines (Sf9 and Sf21) and a variety of other eukaryotic cell lines. Plasmids ranging to at least 135 kb can be used with Transfectol™.

Description	Cat.#	Qty
Transfectol™	**BM4420**	1.0 ml
	BM4421	2 x 1.0 ml
	BM4422	8 x 1.0 ml

Related products

Description	Cat.#	Qty
Label IT plasmid Tracker™ Fluorescein	**GS0400**	10 µm
Label IT plasmid Tracker™ Cy3	**GS0410**	10 µm
Label IT RNAi Tracker™ Fluorescein	**BN1520**	10 µm
Label IT RNAi Tracker™ Cy3	**BN1530**	10 µm