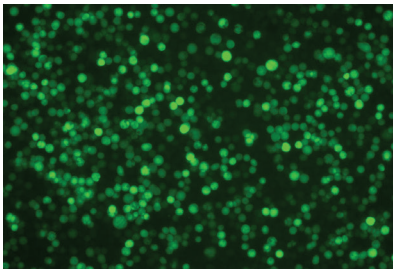
*Trans*IT®-Insect Transfection Reagent

Offers distinct advantages over other reagents such as:

- **Exceptional DNA Delivery** - Validated in Sf9, High Five™ and S2 cells
- **High Titers** - Ideal for recombinant baculovirus production using the *flash*BAC™ expression system
- **Serum Compatibile** - Non-liposomal, animal-origin free formulation
- **Better Value** - Low reagent amounts required per transfection

Efficient Delivery of Baculovirus Genomic DNA. Sf9 cells were co-transfected with 0.5 µg of ProGreen™ baculovirus genomic vector DNA (AB Vector) encoding green-fluorescent protein (GFP) and 0.1 µg of pVL1393 transfer vector (AB Vector) using *Trans*IT®-Insect Transfection Reagent at the reagent-to-total DNA ratio of 3:1 (µl:µg).



Mirus®

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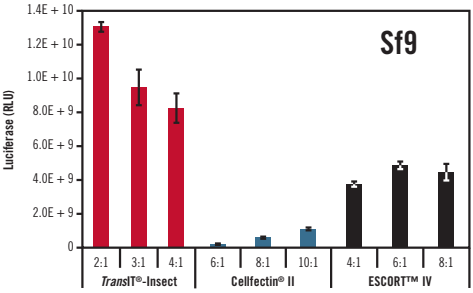
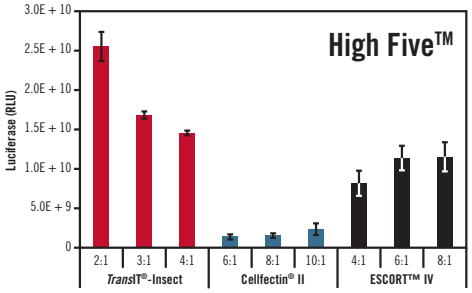
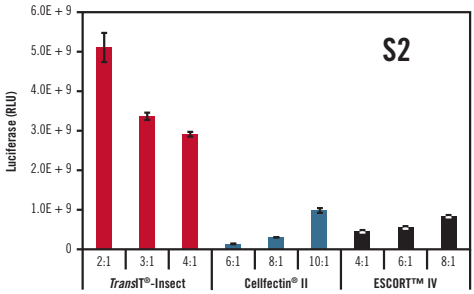
Superior Gene Expression Compared to Liposomal Formulations







***Trans*IT®-Insect Outperforms Competitor Transfection Reagents.** Insect cell lines Sf9, High Five™, S2 were transfected with a luciferase expression plasmid driven by an hr5 enhancer/IE1 promoter using the designated reagent at the indicated reagent-to-DNA ratios. Transfections were performed in 96-well plates using 0.1 µg of plasmid DNA. Luciferase expression was measured at 48 hours post-transfection using a standard assay. Visit mirusbio.com/insect for full experimental details.

PRODUCT		PRODUCT NO.	QUANTITY
*Trans*IT®-Insect Transfection Reagent		MIR 6104	0.4 ml
		MIR 6100	1 ml
		MIR 6105	5 x 1 ml
		MIR 6106	10 x 1 ml
*flash*BAC™ Baculovirus Expression System		MIR 6115	5 RXN
		MIR 6120	24 RXN
*flash*BAC™ ULTRA Baculovirus Expression System		MIR 6135	5 RXN
		MIR 6140	24 RXN
pOET1 Transfer Plasmid		MIR 6150	20 µl (500 ng/µl)
pOET1C_6xHis Transfer Plasmid		MIR 6151	20 µl (500 ng/µl)
pOET6 BacMam Transfer Plasmid		MIR 6152	20 µl (500 ng/µl)

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