

TransduceIT™ Reagent

Product Data Sheet

Product information for MIR 6620

SDS and Certificate of Analysis available at mirusbio.com/6620



SPECIFICATIONS

| | |
|--------------------------|---|
| Storage | Store <i>TransduceIT™</i> Reagent at -20°C . |
| Product Guarantee | 6 months from date of purchase, when properly stored and handled. |
| Concentration | 10 mg/ml |

Product Description: *TransduceIT™* Reagent is an aqueous solution of hexadimethrine bromide, a cationic polymer, that is shown to greatly enhance retroviral transduction and transgene expression in both dividing and quiescent mammalian cells. Final *TransduceIT™* Reagent concentrations of 5–10 $\mu\text{g}/\text{ml}$ are appropriate for most transductions, although the optimal concentration for each cell type should be empirically determined.

Product Usage: Dilute *TransduceIT™* Reagent to an appropriate working concentration (2X) in pre-warmed complete growth medium (e.g. 10–20 $\mu\text{g}/\text{ml}$) immediately prior to retroviral transduction of target cells. Remove half the growth media from wells containing cells and replace with an equal volume of the *TransduceIT™* working stock for a final concentration of 5–10 $\mu\text{g}/\text{ml}$ transduction reagent per well. Add the necessary volume of retroviral particles containing a gene of interest (GOI) to cells immediately thereafter. Gene expression should be measured 24-72 hours post-transduction.

Product Size: 1.0 ml at 10 mg/ml (in sterile H_2O)

Form/Appearance: Clear liquid

Molecular Weight: 374.2 g/mol

CAS Number: 28728-55-4

Precautions: Review the product specific Safety Data Sheet (SDS) for additional information prior to handling this product.

For Research Use Only

► NOTES



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