

The following table lists the optimal *TransIT-X2* volume for DNA transfections in the indicated cell types when using 2.5 µg DNA per well of a 6-well plate. Appropriately scale the amounts of *TransIT-X2* with the surface area of the cell culture vessel (**please refer to Table 1 of the *TransIT-X2* protocol**).

Cell Type	<i>TransIT-X2</i> Volume (µl per well)
A549	5
AU565	7.5
BT-20	7.5
Caco-2	5
CHO-K1	5
COS-7	5
FreeStyle™ 293-F	10
HEK 293	15
HeLa	5
Hep G2	10
HCC1143	7.5
HCC38	10
HUVEC	5
iCell® Neurons	10
GS-1-Ep primary keratinocytes	7.5
Immortalized Keratinocytes	7.5

Cell Type	<i>TransIT-X2</i> Volume (µl per well)
LNCaP	10
MCF-7	7.5
MDA-MB-231	7.5
MDA-MB-453	3.75
MDA-MB-468	5
MDCK	10
Normal human dermal fibroblasts (NHDF)	5
NIH-3T3	7.5
PC-3	5
PC-12	7.5
Primary human mammary epithelial cells (HMEC)	7.5
RAW 264.7	5
SH-SY5Y	7.5
SK-N-MC	7.5
T47D	7.5

Recommendations are based on in-house testing by The Transfection Experts.

Optimal TransIT-X2 volume may vary based on experimental conditions.



Don't see your cell type? Use the Reagent Agent® transfection database to determine the best nucleic acid delivery solution for your experiment. **[TheTransfectionExperts.com/reagentagent](https://www.TheTransfectionExperts.com/reagentagent)**

The following table lists the optimal *TransIT-X2* volume for siRNA transfections in the indicated cell types when using 25 nM siRNA per well of a 6-well plate. Appropriately scale the amounts of *TransIT-X2* with the surface area of the cell culture vessel (**please refer to Table 2 of the *TransIT-X2* protocol**).

Cell Type	<i>TransIT-X2</i> Volume (μ l per well)
A549	5
Caco-2	10
CHO-K1	5
HeLa	5
Hepa 1-6	5
T47D	7.5
MCF-7	10
MDA-MB-231	5
Normal human dermal fibroblasts (NHDF)	5
PC-3	5
Primary human mammary epithelial cells (HMEC)	10

Recommendations are based on in-house testing by The Transfection Experts.

*Optimal *TransIT-X2* volume may vary based on experimental conditions.*



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