

Meet our transfection product family

Invitrogen™ Lipofectamine™ 3000 Transfection Reagent

Our top recommended reagent for DNA delivery with the power to transfect your most difficult cells

- **Superior performance**—10-fold higher transfection efficiency into difficult cells
- **Versatile**—enables the highest transfection efficiency in the broadest range of cells
- **Gentle with low toxicity**—for improved cell viability
- **Most cost-effective**—get >70% efficiency for just \$0.08 per reaction



Invitrogen™ Lipofectamine™ MessengerMAX™ Transfection Reagent

Optimized for transfection of primary cells and neurons

- Impressive performance—>60% transfection efficiency in neurons and primary cells
- Quick—faster protein expression with no risk of genomic integration with mRNA-based transfection
- mRNA delivery

Invitrogen™ InvivoFectamine™ 3.0 Reagent

In vivo transfection reagent optimized for RNAi delivery

- Impressive results—up to 85% knockdown achieved using microgram levels of siRNA
- Efficient—use up to 90% less siRNA than required with previous reagent for effective knockdown
- *In vivo* siRNA delivery

Invitrogen™ Neon™ Transfection System

Simple, customizable, and gentle electroporation instrument that delivers high transfection efficiency

- Superior results—effective in extremely difficult cells, including T and B cells
- Gentle—gentler than other electroporation instruments
- Customizable—preprogrammed 24-well optimization protocols and open platform for additional protocols

To request a demo, go to thermofisher.com/neon

Invitrogen™ Lipofectamine™ 2000 Transfection Reagent

Strong performance in a wide range of cell lines

- Reliable—one of the most-cited DNA reagents
- Strong performance—for easy-to-transfect to moderately difficult-to-transfect cell lines
- Easy to use—simple protocol for easy optimization in a wide range of cells

Invitrogen™ Lipofectamine™ Stem Transfection Reagent

Superior transfection efficiency in even the most difficult stem cells

- Superior performance—achieve up to 80% transfection efficiency in PSCs and NSCs, and 45% in MSCs
- Gentle on cells—maintains cell proliferation without inducing differentiation
- Versatile—co-delivers DNA (up to 11 kb), RNA, and Cas9 protein

Invitrogen™ Lipofectamine™ RNAiMAX Transfection Reagent

The gold standard in delivery of siRNA and miRNA for gene knockdown experiments

- Effective—provides maximum knockdown with less siRNA and low cytotoxicity
- Versatile—works across a wide range of cell types
- siRNA delivery

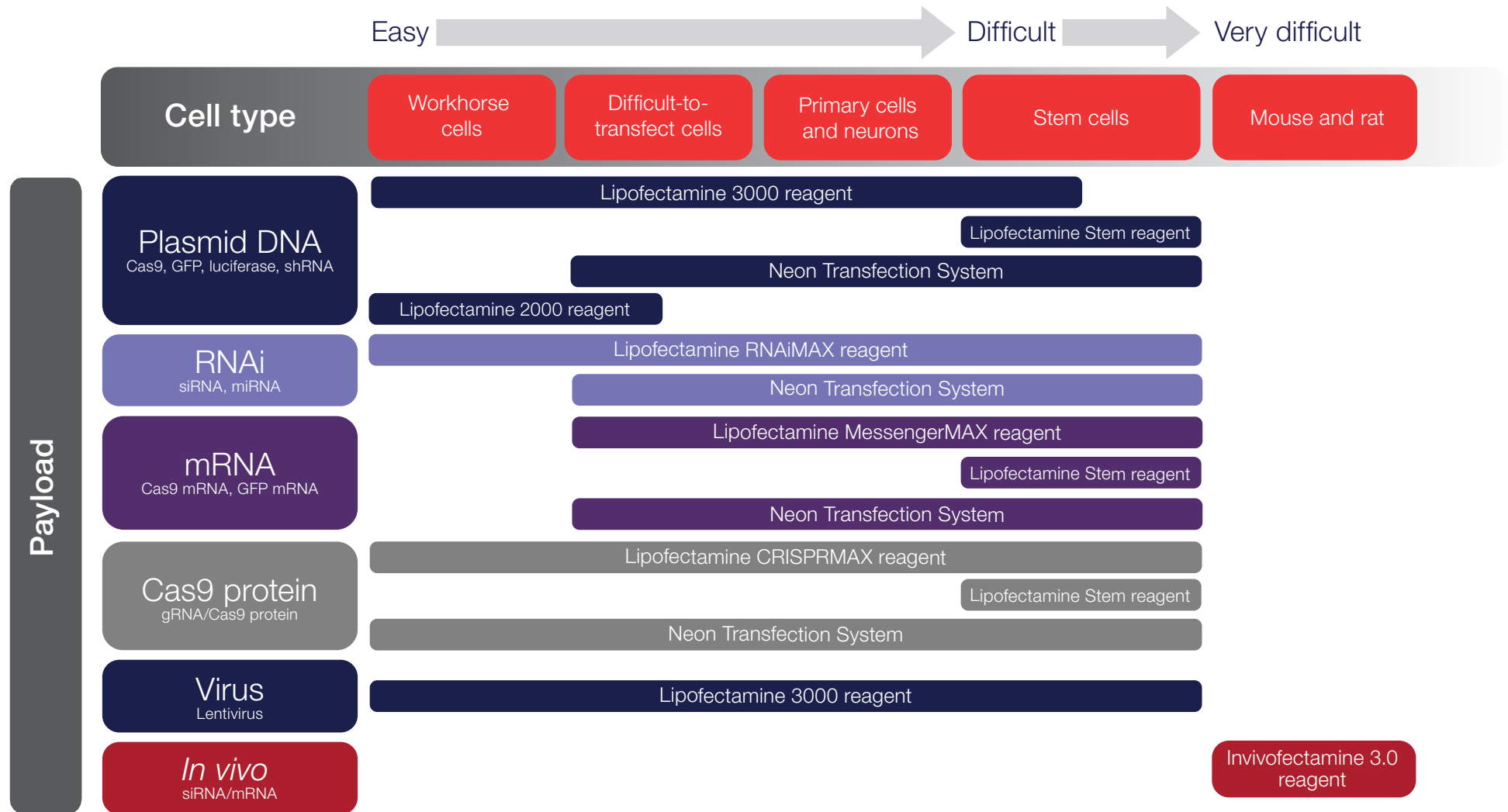
Invitrogen™ CRISPRMAX™ Cas9 Transfection Reagent

First transfection reagent optimized for CRISPR-Cas9 protein delivery

- Gentle—gentler on cells than electroporation
- High cleavage efficiency—up to 85% cleavage efficiency, comparable to electroporation
- CRISPR-Cas9 protein delivery

invitrogen

Decision tree—payload by cell type



Products are listed in order of recommendation for each payload based on effectiveness, ease of use, and cost.

For more information, go to thermofisher.com/transfection

ThermoFisher
SCIENTIFIC