

### Transfection and selection reagents



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Invitrogen has the most complete collection of transfection reagents with exceptional performance for the delivery of DNA, siRNA, oligonucleotides, and RNA, in traditional or difficult-to-transfect cell lines.

For further information on the full range of transfection and selection reagents available, please contact your local office for details.

#### Lipofectamine™ LTX reagent

Plasmid DNA-specific transfection reagent that provides maximum gene expression and lowest cytotoxicity

Catalogue No	Size
<b>VX15338100</b>	1mL
<b>VX15338500</b>	15mL

#### Lipofectamine™ RNAiMAX reagent

RNAi-specific transfection reagent that offers the highest transfection efficiencies on the widest variety of cell types for siRNA gene knockdown experiments

Catalogue No	Size
<b>VX13778075</b>	0.75mL
<b>VX13778150</b>	1.5mL

#### Lipofectamine™ 2000 transfection reagent

Most popular reagent for plasmid and siRNA delivery

Catalogue No	Size
<b>VX11668027</b>	0.75mL
<b>VX11668019</b>	1.5mL

#### Lipofectamine™ transfection reagent

For high quality transfections

Catalogue No	Size
<b>VX18324012</b>	1mL

#### Oligofectamine™ transfection reagent

Efficient transfection of oligonucleotides

Catalogue No	Size
<b>VX12252011</b>	1mL

#### Plus™ reagent

Enhances transfection efficiencies and transgene expression

Catalogue No	Size
<b>VX11514015</b>	0.85mL

### Transfection reagent, 293Fectin™



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For the transfection of 293-F suspension cells.

- Demonstrates high transfection efficiency in suspension 293 cells
- Also suitable for transfecting adherent 293 cells
- Suspension FreeStyle™ 293-F cells may be transfected in FreeStyle™ 293 expression medium; no medium change is required
- DNA-293Fectin™ complexes can be added directly to cells in culture medium
- No need to remove complexes or change

#### 293fectin™ transfection reagent

293fectin™ transfection reagent is a specially designed cationic-lipid formulation which offers extremely high transfection efficiencies of FreeStyle™ 293-F suspension cells in serum-free GIBCO® FreeStyle™ 293 expression medium. It is available separately or as part of the FreeStyle™ 293 expression system.

Catalogue No	Size
<b>VX12347500</b>	15mL
<b>VX12347750</b>	10 x 15mL

### Reagent, FreeStyle™ MAX



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For transient transfection of CHO and 293 cells in suspension cultures.

- Easy, rapid protocol for transient transfection of CHO and 293 cells in suspension cultures
- Functional proteins (up to milligram quantities) with all post-translational modifications produced in one week
- Simplified downstream purification of secreted proteins with FreeStyle™ serum-free medium
- Straightforward protocol for production scale-up

The FreeStyle™ MAX System is a breakthrough technology for rapid and high-yield mammalian protein production.

This new mammalian expression technology is available in two convenient formats. FreeStyle™ MAX reagent is a novel cationic lipid-based reagent designed to transfect FreeStyle™ cells with high efficiency. The FreeStyle™ MAX expression system combines GIBCO® FreeStyle™ media, FreeStyle™ MAX reagent, and either FreeStyle™ CHO-S cells or FreeStyle™ 293 cells. The only equipment required to use the FreeStyle™ MAX system is a CO<sub>2</sub> incubator and a platform shaker with shake flasks or a spinner culture. The FreeStyle™ MAX system can replace time-consuming stable cell line generation with large-scale functional protein production in one week.

Catalogue No	Size, mL
<b>VX16447100</b>	1
<b>VX16447500</b>	15
<b>VX16447750</b>	10 x 15

### Reagent, InvivoFectamine™



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- Easy to use and prepare - just mix, spin, and inject
- Demonstrated knockdown in vivo - 60% or greater knockdown in tumours, liver, lung, kidney, and spleen
- No induction of the interferon response - correlates phenotypes with knockdown activity instead of toxicity

InvivoFectamine™ reagent is a breakthrough technology for *in vivo* RNAi delivery.

Using InvivoFectamine™ reagent with siRNA you can transfect cells of a subject animal to the target organs with confidence so that the delivered material arrives intact and ready to perform knockdown.

Catalogue No	Size, mL
<b>VX1377901</b>	1
<b>VX1377905</b>	5 x 1mL