



Please contact Fisher Scientific to discuss your EU compatible product requirements.

### Transfection system, Neon™



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For highly efficient delivery of nucleic acids into virtually all tested mammalian cell types.

- Open and flexible nucleic acid delivery system
- Small bench top electroporation device with electronic pipette tip holder, patented electronic pipette tips, and proprietary reagents
- Efficiency - greater than 75% in many cell types, including difficult-to-transfect cells such as primary and stem cells
- Flexibility - easily transfect from  $2 \times 10^4$  to  $6 \times 10^6$  cells per reaction
- Simplicity - universal reagent kit for all cell types
- Versatility - open system allows transfection parameters to be adjusted easily
- Easy-to-use three step protocol

Neon™ transfection technology enables highly efficient delivery of nucleic acids into virtually all tested mammalian cell types, including difficult-to-transfect cells, primary cells, and stem cells.

This open and flexible nucleic acid delivery system consists of a small bench top electroporation device, an electronic pipettor tip holder, patented electronic pipettor tips, and proprietary reagents.

Unlike standard cuvette-based electroporation chambers, the Neon™ system uses a patented, biologically compatible pipettor tip chamber that generates a more uniform electric field. This design allows better maintenance of physiological conditions resulting in very high cell survival rates compared to the use of conventional electroporation.

The Neon™ transfection technology was designed for highly efficient gene delivery and ease of use. With one fail-safe optimisation experiment, you can maximise delivery efficiency and minimise toxicity in any cell type. Tested protocols are available from the Neon™ cell database as a starting point for your optimisation experiment.

For a complete list of cell lines successfully transfected, protocols, and additional reference materials, please contact your local office.

Catalogue No	Description
<b>VXMPK5000</b>	Neon™ transfection system
<b>VXMPK5000S</b>	Neon transfection system starter pack (Neon transfection device and 2 x 192 reaction kits, 10µL and 100µL sample sizes)

#### Accessories and spares

Catalogue No	Description
<b>VXMPK1096</b>	Neon transfection system 10µL kit
<b>VXMPK10096</b>	Neon transfection system 100µL kit
<b>VXMPSERV</b>	Neon transfection system extended warranty
<b>VXMPP100</b>	Neon transfection system pipettor
<b>VXMPS100</b>	Neon transfection system pipettor station
<b>VXMPT100</b>	Neon transfection tubes



For CO<sub>2</sub> incubators, please see page 270.



### Cuvettes, electroporation



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- For maximum transformation efficiency
- Snug-fitting cap for easy handling and a colour-coded, frosted surface for labelling
- Pre-sterilised and individually packaged
- Compatible with most common electroporation systems and available with 1, 2 and 4mm gap widths
- Made from premium polycarbonate

Catalogue No	Alt. No	Description	Colour	Pack qty
<b>ELG-300-010J</b>	5510	Electroporation cuvette, 1mm gap	White	50
<b>ELG-300-020G</b>	5520	Electroporation cuvette, 2mm gap	Blue	50
<b>ELG-300-030D</b>	5540	Electroporation cuvette, 4mm gap	Green	50