

Electroporation Cuvettes

Highest Quality for Maximum Efficiency

- Compatible with leading electroporation systems
- 1mm, 2mm and 4mm sizes
- Individually wrapped, gamma irradiated
- Available for bacteria, yeast, insect, plant and mammalian cells
- 1mm and 2mm standard cuvettes have minimal dead volumes



Compatibility

GeneFlow electroporation cuvettes are compatible with the majority of routine electroporation systems on the market whilst the InGenio™ cuvettes are designed for use with the Amaxa Nucleofector.

All standard GeneFlow 1mm and 2mm cuvettes have a tapered V shape which reduces sample volumes saving valuable cells and reagents. The GeneFlow 'X' cuvettes (1mm and 2mm) have the traditional longer electrode design and are suitable for the BioRad GenePulser Xcell electroporator. The 4mm cuvette fits all makes of standard electroporator.

Please contact our technical support department for further information or to request free samples of cuvettes.

Cap Design

The caps have been designed to improve aseptic handling techniques. The positive seal together with the lip reduces potential aerosol and contamination problems. The caps are colour coded for convenience and each cuvette is guaranteed sterile and is packed using gamma irradiation.

Optimal Electroporation Efficiencies

The GeneFlow electroporation cuvettes are designed to maximise molecular electroporation and electrofusion efficiencies for bacteria, yeast, insect, plant and mammalian cells. Each batch of cuvettes has to undergo rigorous testing at several stages during the manufacturing process and is quality tested for optimal and reproducible impedance measurements.

High Quality Components

The stringent use of high quality grade polycarbonate and high grade chemicals in the manufacturing process assists in generating uniform pulses and improved gene transfer. The moulding process ensures extremely high tolerances so the electrodes have a consistent and parallel gap configuration whilst the chemical and physical cleaning of the cuvettes contributes to the achievement of high transformation efficiencies.

Ordering Information

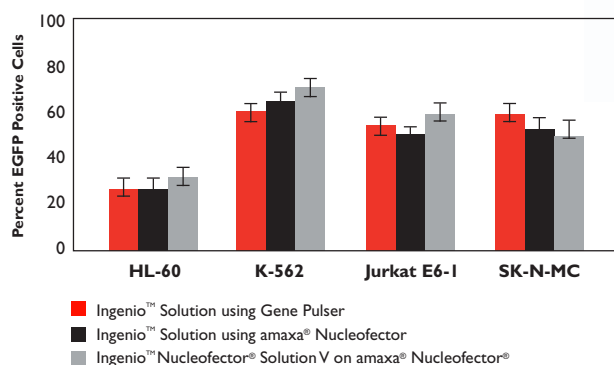
Product Number	Suppliers Reference	Description	Pack Size
E6-0050	EP-101	GeneFlow Electroporation Cuvettes, 1mm, Sterile Individually Wrapped (Red Cap)	Box 50
E6-0060	EP-102	GeneFlow Electroporation Cuvettes, 2mm, Sterile Individually Wrapped (Blue Cap)	Box 50
E6-0070	EP-104	GeneFlow Electroporation Cuvettes, 4mm, Sterile Individually Wrapped (Green Cap)	Box 50
Electroporation Cuvettes with Longer Electrode Design suitable for BioRad Gene Pulser Xcell			
E6-0052	EP-201	GeneFlow 'X' Electroporation Cuvettes with Longer Electrode Design, 1mm, Sterile Individually Wrapped (Red Cap)	Box 50
E6-0062	EP-202	GeneFlow 'X' Electroporation Cuvettes with Longer Electrode Design, 2mm, Sterile Individually Wrapped (Blue Cap)	Box 50

Please contact technical support for additional information on any of these products

Ingenio™ Electroporation Products

- High efficiency electroporation of cells that are difficult to transfect
- Compatible with all electroporation systems including Amaxa Nucleofector®
- Can be used in place of Amaxa Nucleofector® kits saving money
- Available as a complete kit or the Ingenio™ reagent, cuvettes and cell droppers can be purchased separately

Mirus Bio have developed the Ingenio Electroporation solution to facilitate efficient and reliable delivery of nucleic acids to eukaryotic cells that are traditionally resistant to chemical transfection. Ingenio is a broad spectrum solution that supports high efficiency electroporation with minimal toxicity. It replaces standard electroporation solutions including phosphate buffered saline and serum-free media.



Ingenio™ Solution Provides Comparable Efficiency on Amaxa Nucleofector® Device. Cells were electroporated in parallel with an EGFP reporter vector and assayed at 24 hours post-electroporation by flow cytometry. Two electroporators were used with different electroporation kits: the Ingenio Electroporation Kit was used in the Gene Pulser Xcell™ Eukaryotic System (Bio-Rad) and the Amaxa Nucleofector II Device (Lonza); the Amaxa Nucleofector Kit V was used in the Amaxa Nucleofector II Device, all according to manufacturer's recommendations.

Ordering Information

Product Number	Suppliers Reference	Description	Pack Size
E7-0502	MIR 50113	Ingenio™ Electroporation Kit with 0.4mm Cuvettes and Cell Droppers	25 Reactions
E7-0504	MIR 50116	Ingenio™ Electroporation Kit with 0.4mm Cuvettes and Cell Droppers	50 Reactions
E7-0510	MIR 50112	Ingenio™ Electroporation Kit with 0.2mm Cuvettes and Cell Droppers	25 Reactions
E7-0512	MIR 50115	Ingenio™ Electroporation Kit with 0.2mm Cuvettes and Cell Droppers	50 Reactions
E7-0516	MIR 50111	Ingenio™ Electroporation Solution	6.25ml
E7-0518	MIR 50114	Ingenio™ Electroporation Solution	12.5ml
E7-0522	MIR 50120	Ingenio™ Cuvettes, 0.2cm	Pk. 25
E7-0526	MIR 50122	Ingenio™ Cuvettes, 0.4cm	Pk. 25
E7-0530	MIR 50124	Ingenio™ Cell Droppers	Pk. 25

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