

# Electroporation cuvettes

cell  
projects



The Cell Projects range of HiMaX 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 for engineering tolerances, biocompatibility and sterility, prior their being Quality tested for optimal and reproducible impedance measurements.

- **COMPATIBILITY**  
The cuvettes are compatible with most electroporation systems.
- **BIO-CONTROLLED**  
All batches are checked to optimise the Bio and Transfection compatibility, with stringent use of high quality grade polycarbonate and high grade chemicals to ensure consistent uniform pulse generation and improved gene transfer.
- **FINE TOLERANCE MOULDING**  
The moulding process ensures extremely fine tolerances so that the electrodes have a consistent gap and parallel configuration. The electrodes are also cleaned chemically and physically to fully optimise the cuvette for high transformation efficiencies.
- **CAP DESIGN**  
The cap has been designed to improve aseptic handling techniques, while the positive seal reduces potential aerosol and contamination issues.
- **SIZE RANGE AND COLOUR CODED**  
Available in 1 mm, 2mm and 4mm gap sizes with individual colour caps.
- **STERILE PACKAGED**  
Every cuvette is guaranteed sterile, packed using gamma irradiation and has a simple tear wrapper for easy access when you need it.
- **LOW DEAD VOLUMES**  
All 1 mm and 2mm cuvettes have a tapered V bottom so that reduced sample volumes can be used while aiding sample pick up and minimising dead volumes.

## ORDERING INFORMATION

Catalogue No.	Description
EP-101	50 x 1mm Universal fit cuvette individually wrapped and sterile
EP-201*	50 x 1mm Universal fit cuvette with long electrode individually wrapped and sterile
EP-102	50 x 2mm Universal fit cuvette individually wrapped and sterile
EP-202*	50 x 2mm Universal fit cuvette with long electrode individually wrapped and sterile
EP-104*	50 x 4mm Universal fit cuvette individually wrapped and sterile
PP-101	50 x Plastic pipettes individually wrapped disposable sterile

For research use only

\*Select for use in BioRad Excel Electroporator

Cell Projects Ltd

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# ElectroBuffer improves Eukaryotic transfection efficiencies



## ORDERING INFORMATION

Catalogue No.	Description
EB -110	ElectroBuffer standard kit including Cell washing solutions, ElectroBuffer solutions, ATP, Gluthatione and full instructions

For research use only

Please note: The Kit will be shipped at ambient temperature, however it is important that some of the components must be stored at both +4°C and -20°C on arrival.

Cell Projects are also able to supply bulk packaged quantities of ElectroBuffer.

ElectroBuffer is designed purely to improve your transfection efficiencies in some cases by over 30 fold whilst increasing survival rates post Electroporation. The medium is designed for Eukaryotic cells and generally gives significant improvements over using PBS or standard culture medium.

The medium is formulated to reduce the 'cell trauma' during the electroporation and to provide critical nutrients to speed the recovery and growth phases following the cell wall destabilisation.

- Improves Transfection and Survival rates
- Reduces Cell Trauma
- Full Kit format
- Simple to use

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