

“THE INTELLIGENT CHOICE FOR DISCOVERY”



ELECTROPORATION CUVETTES

MBP • SECTION 08

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ELECTROPORATION CUVETTES

ELECTROPORATION CUVETTES

Every day around the world, scientific experiments are conducted with electroporation devices in order to introduce DNA into bacterial cells, yeast cells, and mammalian cells in the search for new medical treatments and vaccines. Reproducible electroporation results require the use of high-quality electroporation cuvettes for consistent pulse delivery to your valuable samples in your toughest research experiments.

The precision pulse output required by many top electroporation systems is matched only by MBP's superior quality cuvette construction. During our comprehensive manufacturing process, MBP's cuvettes are thoroughly cleansed to eliminate trace inhibitor materials and then electronic beam irradiated for sterilization. In order to provide further contamination control, MBP then packages the individually wrapped cuvettes in exclusive, single-use packaging. The enhanced snug-fit caps on each cuvette also ensure the maximum sterility level possible. Additionally, MBP's cuvettes are inspected and tested at several points in the manufacturing process to guarantee reproducible results. You will find a pre-sterilized transfer pipet packaged with each MBP cuvette.

MBP CUVETTES



Ease-of-use is made possible with color-coded, frosted caps for trouble-free labeling and recognition. The sturdy construction of the durable polycarbonate can withstand pulses of very high voltages or field strength. Precise gap tolerances are set for reproducible field strength delivery and high transformation efficiency. The consistent chamber shape made from seamless plastic molding eliminates leaking and keeps the aluminum plates parallel for uniform sample treatment and safety. To try these for yourself, contact our customer service team or log on to www.mbpinc.com

- 1mm (white cap) – delivers pulses with the highest field strength and is perfect for bacterial cells.
- 2mm (blue cap) – generates pulses at medium field strength and works well for yeast cells.
- 4mm (green cap) – produces pulses with the lowest field strength, which is best suited for mammalian cells

ELECTROPORATION CUVETTES

Catalog Number	Product	Description	Unit packaging
5510	1mm gap	pre-sterilized, White cap	50 cuvettes, individually wrapped w/Samco transfer pipet
5520	2mm gap	pre-sterilized, Blue cap	50 cuvettes, individually wrapped w/Samco transfer pipet
5540	4mm gap	pre-sterilized, Green cap	50 cuvettes, individually wrapped w/Samco transfer pipet

MINIMIZE HANDLING OF THE PIPET AND TIP

Set the pipet down between sample deliveries and avoid handling the tip.

Body heat transferred to equipment during handling disrupts temperature equilibrium. As explained in Tip #2, the volume of sample delivered varies with temperature.

