



HT 96 & 25 Well

ELECTROPORATION PLATES TECHNICAL SPECIFICATIONS

PRODUCT DESCRIPTION

BTX[®] has developed an advanced Multi-Well plate which incorporates both the convenience of electroporation with the need for high throughput technology. BTX[®] HT 96 and 25 well electroporation plates are a novel approach for the rapid electroporation of multiple samples for high throughput. Standard cuvette electroporation applications for eukaryotic and prokaryotic cell lines can now be scaled up to 96 wells and run in seconds. The HT 96 well electroporation plates are formatted as a standard 96 well plate. The 25 well plates are uniquely designed to allow for smaller number of samples. The 96 and 25 well plates are available in 4 mm or 2 mm gap sizes. The plate design incorporates aluminum electrodes embedded into the walls of each column. The integrated electrodes connect directly to the contacts in the Plate Handler. This feature protects each individual sample from cross contamination. The plates are made of medical grade polycarbonate and polished aluminum. They are sterilized by gamma irradiation and individually packaged with a plastic plate seal. Since these plates are disposable there is no maintenance required, just carefully discard the plates after each use.

APPLICATIONS

Mammalian Cell Transfection:

- siRNA
- Plasmid DNA
- cDNA libraries
- Gene knockdown or overexpression screens

Transformation of Bacteria and Yeast:

- BAC library
- Plasmid DNA

HT Plate Handlers TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Model HT 96 & 25 Well	Volumes
4 mm gap	Max 250 μ l Min 25 μ l Working 100 – 200 μ l
2 mm gap	Max 125 μ l Min 20 μ l Working 50 – 100 μ l

ORDERING INFORMATION

Order #	Product
45-0450	96-Well Disposable Electroporation Plate, 2 mm gap, 125 μ l, 1 plate
45-0452	96-Well Disposable Electroporation Plates, 4 mm gap, 250 μ l, 1 plate
45-0466	25-Well Disposable Electroporation Plate, 2 mm gap, 125 μ l, 1 plate
45-0463	25-Well Disposable Electroporation Plate, 4 mm, 250 μ l, pkg. of 6
45-0467	25-Well Disposable Electroporation Plates, 2 mm, 125 μ l, pkg. of 6
45-0465	25-Well Adaptor Plate for HT Plate Handlers
45-0400	HT-100 Plate Handler, Manual Column Switching
45-0401	HT-200 Plate Handler, Automatic Column Switching

TROUBLESHOOTING

Please contact BTX Technical Support at 800-272-2775 in the event of any failure.

TECHNICAL & CUSTOMER SERVICE

For further references regarding specific applications and optimization, please contact BTX Technical Support:

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If outside the United States or Canada: call 508-893-8999 or contact your nearest BTX Distributor.

BTX[®]
HARVARD APPARATUS

The Electroporation Experts

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