

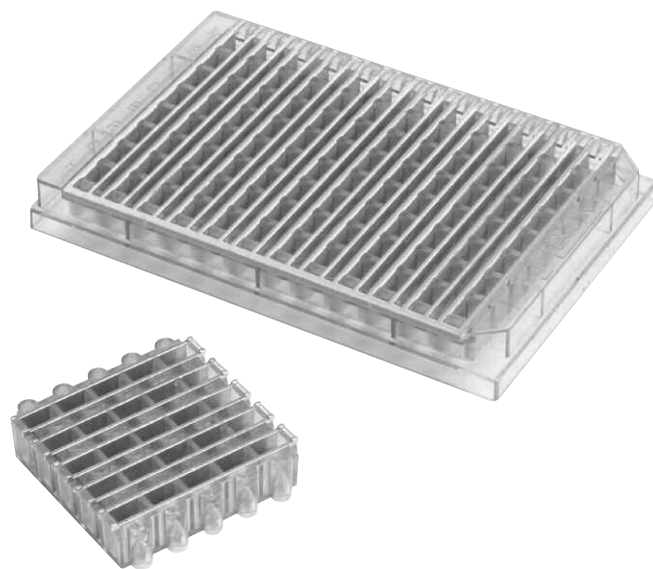
HT 96 and 25 Well Electroporation Plates

Product Description

BTX has developed an advanced Multi-Well plate which incorporates both the convenience of electroporation with the need for high throughput technology. Our patented 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 patented 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.

Product Application

The HT 96 well and 25 well plates are widely used to electroporate large numbers of eukaryotic and prokaryotic cells. Use of the multi-well format increases yield and decreases time-96 samples are electroporated in seconds. The plates allow for rapid optimization of electrical and biological conditions which result in increased efficiency and viability. The number of electroporation applications that can be preformed range from siRNA libraries, plasmid DNA and bacterial transformations, making this a fundamental tool for your experiments.



Applications

Transfections of Mammalian Cells

- siRNA
- Plasmid DNA

Transformation of Bacteria and Yeast

- BAC library
- Plasmid DNA

HT 96 and 25 Well Electroporation Plates

Electroporation Plate Technical Specifications

Material:

Integrated Electrodes	Aluminum
Plates	Polycarbonate

Dimensions:

Model HT 96 127.8 mm × 85.5 mm × 15.9 mm × 9.0 mm
(L × W × H × Spacing)

Model HT 25 48.3 mm × 49.9 mm × 12.7 mm × 9.0 mm

Working Volume:

Model HT 96 4 mm-200 µl

Model HT 25 2 mm-100 µl

Ordering Information

<i>Catalog No.</i>	<i>Model</i>	<i>Description</i>
45-0450	HT-P96-2	Disposable 96 Well Electroporation Plate 2 mm
45-0452	HT-P96-4	Disposable 96 Well Electroporation Plate 4 mm
45-0466	HTP25-2P	Disposable 25 Well Electroporation Plates 2 mm pkg. of 6
45-0463	HTP25-4P	Disposable 25 Well Electroporation Plates 4 mm pkg. of 6

Plate Handlers

45-0400	HT-100	HT 100 Plate Handler Manual Column Switching w/ User Manual
45-0401	HT-200	HT 200 Plate Handler Automatic Column Switching w/ User Manual
45-0465	HT-20025	Well Adapter Plate

BTX[®]
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