

Fisherbrand Electroporation Cuvettes



Fisherbrand electroporation cuvettes are designed for use in the electroporation and electrofusion of bacteria, yeast, insect, plant and mammalian cells.

These 50 pack cuvettes are individually wrapped, sterilised and colour coded with either 1mm, 2mm or 4mm electrode gaps. These three electrode gap sizes are optimised for different applications, 1mm for bacteria and yeast, 2mm for all cell types and 4mm for mammalian cells.

The cuvettes are moulded with embedded polished aluminium electrodes, and are gamma irradiated for guaranteed sterility. Their round caps are leak resistant and allow for quick and easy removal. Fisherbrand electroporation cuvettes can obtain high field strengths up to 25.0 kV/cm.

Fisherbrand electroporation cuvettes are disposable and require no maintenance. Simply discard carefully after use. For research use only.

Specifications

| Cat. No | 15532423 | 15542423 | 15552423 |
|-------------------|-------------|-------------|-------------|
| Cap colour | Mauve | Blue | Yellow |
| Gap, mm | 1mm | 2mm | 4mm |
| Field type | Homogeneous | Homogeneous | Homogeneous |
| Autoclavable | No | No | No |
| Sample visibility | Yes | Yes | Yes |
| Minimum volume | 20µL | 40µL | 80µL |
| Maximum volume | 90µL | 400µL | 800µL |
| Pack size | 50 | 50 | 50 |

Electroporator Compatibility Chart

| Cat. No | 15532423 | 15542423 | 15552423 |
|---------------------------------|-------------|-------------|-------------|
| Brand/ELECTROPORATOR MODEL | 1mm cuvette | 2mm cuvette | 4mm cuvette |
| Amaxa | | | |
| Nucleofector™ 2b | Yes | Yes | Yes |
| Nucleofector™ 4d | No | No | No |
| Bio-Rad | | | |
| GenePulser™ | Yes | Yes | Yes |
| GenePulser™ 2 | Yes | Yes | Yes |
| Micropulser™ | Yes | Yes | Yes |
| Xcell™ | Yes | Yes | Yes |
| E.coli pulsar™ | Yes | Yes | Yes |
| BTX | | | |
| ECM 399 | Yes | Yes | Yes |
| ECM 630 | Yes | Yes | Yes |
| ECM 830 | Yes | Yes | Yes |
| ECM 2001 | Yes | Yes | Yes |
| Gemini SC2 | Yes | Yes | Yes |
| Gemini X2 | Yes | Yes | Yes |
| Agilepulse™ Max | Yes | Yes | Yes |
| Eppendorf | | | |
| Electroporator 2510 | No | No | No |
| Multiporator™ | No | No | No |
| Eporator™ | No | No | No |
| Invitrogen | | | |
| Electroporator II | Yes | Yes | Yes |
| Thermo Fisher Scientific | | | |
| Neon™ | No | No | No |
| Nepagene | | | |
| NEPA21 | Yes | Yes | Yes |

Yes = Compatible

No = Not compatible

Ordering information

| Cat. No | Capacity, µL | Width, mm | Pack qty |
|----------|--------------|-----------|----------|
| 15532423 | 90 | 1 | 50 |
| 15542423 | 400 | 2 | 50 |
| 15552423 | 800 | 4 | 50 |

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Austria: +43(0)800-20 88 40 Belgium: +32 (0)56 260 260 Denmark: +45 70 27 99 20
Germany: +49 (0)2304 9325 Ireland: +353 (0)1 885 5854 Italy: +39 02 950 59 478
Finland: +358 (0)9 8027 6280 France: +33 (0)3 88 67 14 14 Netherlands: +31 (0)20 487 70 00
Norway: +47 22 95 59 59 Portugal: +351 21 425 33 50 Spain: +34 902 239 303
Sweden: +46 31 352 32 00 Switzerland: +41 (0)56 618 41 11 UK: +44 (0)1509 555 500

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