

# buffers, agarose, markers

## buffers for nucleic acid electrophoresis

Available in powder sachets to maintain shelf life, Cleaver Scientific TBE is available for nucleic acid gel electrophoresis techniques. Each buffer sachet, which is available in packs of 10, may be reconstituted to make 1 litre of working solution. Buffers may also be supplied in 1 litre and 5 litre volumes as ready-made 50x TAE and 10x TBE solutions.

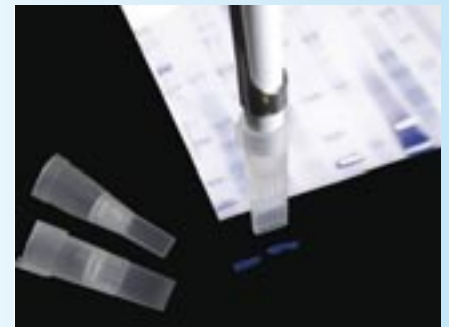
## high grade agarose for nucleic acid electrophoresis

AG agaroses are suitable for routine analysis of nucleic acids. They combine tensile strength with low electro-osmotic effects to achieve high resolving power for a wide size range of nucleic acid fragments.



## RNase-Free Water

DEPC-treated to eliminate enzyme activity and then autoclaved, this sterile highly purified water product is perfect for use in PCR and Northern blotting techniques. Available either in a single 250ml bottle or as one hundred 5ml aliquots to prevent cross-contamination.



## GelX disposable gel excision tips

Widely acclaimed as a great new tool for gene cloning and now available from Cleaver Scientific, GelX disposable gel excision tips offer a unique and convenient way to excise bands from gels. GelX tips allow completely safe and contamination free removal of the gel band of interest without the need to handle potentially dangerous scalpels. The gel band is neatly extracted and contained in the tip, when it is then dispensed into a tube for further analysis. Once used, the tip is ejected for disposal.

- Eliminates scalpel damage to transilluminator or gel tray
- Designed for removing bands from agarose and protein gels
- One handed operation
- Push button gel and tip release mechanism
- Fits standard 1000 µl pipettors
- Autoclavable
- DNase and RNase free
- Sterile versions are also available

## ready-to-use DNA markers

Pre-made and containing bromophenol blue for immediate use, Cleaver Scientific markers are specially formulated to run accurately and produce sharp, well defined DNA ladders. Available in five molecular weight ranges, each marker may be stored at room temperature. DNA loading dye, containing 10x bromophenol blue, is also available in 1ml volumes for easy sample loading and migration.



| Ordering Information                                       |   |                  |  |
|--|---|------------------|--|
| <b>High Grade Agarose for Nucleic Acid Electrophoresis</b> |   |                  |  |
| CSL-AG100  | Agarose 100g (1 x 100g Bottles)   | CSL-AG1000       | Agarose 1000g (2 x 500g Bottles)   |
| CSL-AG500  | Agarose 500g (1 x 500g Bottles)   | CSL-AG2000       | Agarose 1000g (4 x 500g Bottles)   |
| <b>Buffers for Nucleic Acid Electrophoresis</b>            |   |                  |  |
| CSL-TBEP   | Powdered Tris-Borate-EDTA Running buffer - 10 Pouches (10 litres/pk)      | TBE10X1L         | Cleaver Buffer Tris-Borate-EDTA Running Buffer 10X 1 litre                 |
| TAE50X1L   | Cleaver Buffer Tris-Acetate-EDTA Running Buffer 50X 1L                    | TBE10X5L         | Cleaver Buffer Tris-Borate-EDTA Running Buffer 10X 5 litres                |
| TAE50X5L   | Cleaver Buffer Tris-Acetate-EDTA Running Buffer 50X 5L                    |                  |  |
| <b>RNase-Free Water</b>                                    |   |                  |  |
| RFW250   | RNase-Free Water 250 ml   | RFW50X5          | RNase-Free Water 50x 5ml   |
| <b>Ready-to-Use DNA Markers</b>                            |   |                  |  |
| CSL-MDNA-100bp   | 100 bp DNA Ladder (can be stored at Room temperature)                     | CSL-MDNA-HR      | High Range DNA Ladder, 1000bp-10,000bp (can be stored at room temperature) |
| CSL-MDNA-1kb   | 1 kb DNA Ladder (can be stored at room temperature)                       | CSL-MDNA-LR      | Low Range DNA Ladder, 125bp-3,000bp (can be stored at room temperature)    |
| CSL-MDNA-BR  | Broad Range DNA Ladder, 250bp-8,000bp (can be stored at room temperature) | CSL-LOADDYE      | 10x Bromophenol Blue Loading Dye, 1ml                                      |
| <b>GelX disposable gel excision tips</b>                   |   |                  |  |
| CSL- gelX4   | 4mm x 1mm 250/ bag  | CSL- gelX 6.5    | 6.5mm x 1mm 250/ bag   |
| CSL- gelX4RACK   | 4mm x 1mm 5 racks of 48   | CSL- gelX6.5RACK | 6.5mm x 1mm 5 racks of 48  |