

## DNA Loading Dye

DNA loading dye contains 10x bromophenol blue, the standard tracking dye for electrophoresis. The charge-to-mass ratio of bromophenol blue allows it to co-migrate with smaller molecules within agarose and PAGE gels (e.g. at 300bp in a standard 1% agarose, TBE gel) which, with its conspicuous dark blue colour, makes it the perfect tracking dye to monitor the progress of electrophoresis runs. DNA loading dye is supplied in 1ml volumes for easy handling.

### ORDERING INFORMATION

CSL-LOADDYE	10x Bromophenol Blue Loading Dye, 1ml
CSL-LOADDYE10	10x Bromophenol Blue Loading Dye, 10ml

## Orange G Loading Dye

Orange G Loading dye 1x (with ficoll) Used as a marker in PAGE and Agarose electrophoresis of DNA, as it migrates through the gel consistently with smaller DNA fragments. Contains sucrose and Xylene Cyanol. Used as a 1x solution.

### ORDERING INFORMATION

CSL-ORANGEDYE	Orange G Loading Dye, 1ml
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## 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. RNase-Free water is available either as a single 250ml bottle or in fifty 5ml aliquots to prevent cross-contamination.

### ORDERING INFORMATION

RFW250	RNase-Free Water, 1x250ml
RFW50X5	RNase-Free Water, 50x5ml

## BP Grade Ultra Pure Water

Purified water (18 mega Ohms) for use with sensitive experimental procedures often needs verifying as pyrogen free, this is done using the LAL test or Limulus (Horseshoe crab) amoebocyte lysate assay. The LAL test is extremely sensitive to endotoxins which are the result of bacterial lysis.

BP Grade Sterile Water has endotoxins removed by electrostatic filtration at the final purification stage prior to autoclaving. The LAL tested water conforms to the standard having less than <0.25EU/ml to ensure the water is of pre-requisite quality. This product is therefore pyrogen free. CFU>0 WFi compatible.

LAL (Limulus Amoebocyte Lysate Assay)

### ORDERING INFORMATION

UPW1000	BP Grade Sterile Water, 1000ml
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## GelX Disposable Gel Excision Tips

Widely acclaimed as an excellent tool for gene cloning, Cleaver Scientific GelX disposable gel excision tips offer a unique and convenient way to excise nucleic acid and protein 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 1000µl pipettes
- Autoclavable, and DNase and RNase free
- Sterile versions also available

### ORDERING INFORMATION

CSL-GELX4	4mm x 1mm, Gel Cutting Tips, 250/ bag
CSL-GELX4RACK	4mm x 1mm, Gel Cutting Tips, 5 racks of 48
CSL-GELX6.5	6.5mm x 1mm, Gel Cutting Tips, 250/ bag
CSL-GELX6.5RACK	6.5mm x 1mm, Gel Cutting Tips, 5 racks of 48

### TYPICAL APPLICATIONS

Useful reagents for PCR, Electrophoresis and Blotting

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OR CALL +44 (0) 1788 565300  
FOR MORE INFORMATION

### TYPICAL APPLICATIONS

Cutting out and purification of DNA bands for cloning

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