



PAGE and Blotting Buffers

Buffers are available in powder sachets for a range of native and denaturing protein gel electrophoresis techniques and Western blotting.

Each powder sachet may be reconstituted to make 1 litre of 10X stock solution. Running buffers are also available in 1 litre and 5 litre volumes as ready made 10X stock solutions.

KEY FEATURES

- Convenient, pre-made stock solution or powder – just dilute or dissolve as necessary with water
- Save time & trouble – no weighing, pH adjustment or need to stock individual compounds
- Long shelf-life
- Consistency assured – rigorous QC for reproducible separations



TECHNICAL SPECIFICATIONS

Powder Buffer	Composition	Applications
Tris-Glycine-SDS	Each litre of 1x working solution contains: Tris-base (25mM); glycine (192mM); SDS, 0.1% (w/v); followed by distilled water. Working solution pH = 8.3.	Denaturing SDS-PAGE for most cellular proteins, 10- 200kDa in size
Tris-Glycine (Towbin Buffer)	Each litre of 1x working solution contains: Tris-base (25mM); glycine (192mM), followed by distilled water. Working solution pH = 8.3.	Native PAGE or Transfer buffer (with addition of methanol)- sup- pH = 8.3.

BP Grade ultra pure water

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.

Ponceau S

Ponceau S staining solution is reusable and available in a convenient 500ml volume for membrane staining and early protein detection following transfer before western blotting. Ponceau S may also be supplied a powder staining kit for long-term storage.

ORDERING INFORMATION

POWDER BUFFERS

CSL-TGSDSP	Powdered Tris-Glycine-SDS Running buffer 10X stock
CSL-TGP	Powdered Tris-Glycine buffer 10X stock

CSL-PSS	Ponceau S staining solution (500ml)
UPW1000	BP Grade Sterile Water, 1000ml
RFW250	RNase-Free Water, 1x250ml

LIQUID BUFFERS

TG10X1L	Buffer Tris-Glycine 10 x 1 litre
TG10X5L	Buffer Tris-Glycine 10 x 5 litre
TG-SDS10X1L	Buffer Tris-Glycine SDS 10 x 1 litre
TG-SDS10X5L	Buffer Tris-Glycine SDS 10 x 5 litre
CSL-PSB	Ponceau S staining solution powder staining kit (makes 2000ml)
RFW50X5	RNase-Free Water, 50x5ml



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

