

Protein Transfer Buffer, 10X

Catalogue #: MP008
Storage: RT
Size: 500mL

Protein Transfer Buffer (wet) , 10X

Application:

For Western blotting and gel electrophoresis.

Tris-glycine buffer is used to make a Tris-glycine-methanol transfer buffer, which is the most common protein transfer buffer for wet blot transfers. The methanol prevents the gel from swelling during the transfer and enhances the protein binding to nitrocellulose. The 10x Tris-glycine buffer is diluted to 1x with methanol and water to make a solution containing 25 mM Tris, 192 mM glycine, and 20% methanol. A sufficient amount of transfer buffer should be made to cover the electrode wires in the wet blot transfer unit and to soak the gel, membrane and blotting paper. 125 V (constant) for 1 hr is usually sufficient for complete transfer in the Towbin's buffer. Make sure that the power supply used will handle the high currents (greater than 300 mA) produced during the transfer. Cooling during the transfer is recommended to dissipate the heat generated.

0.25 M Tris, 1.92 M glycine, pH approx. 8.3. Methanol needs to be added before use.

For resaech use only