

Alba Concentrated Buffer Solutions

Alba 10X PBS Solution

Cat. No.	Pack Size
MTE0340	6 x 100ml

Description:

A 10X concentrated aqueous solution of phosphate buffered saline.

On dilution, the resultant 1X PBS solution will have final concentration: 137mM Sodium Chloride, 10mM Phosphate, 2.7mM Potassium Chloride at pH 7.4.

Storage:

Store at Room Temperature

Safety Warnings:

For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

Alba 20X SSC Solution

Cat. No.	Pack Size
MTE0341	6 x 100ml

Description:

A 20X concentrated aqueous solution of SSC.

On dilution, the resultant 1X SSC solution will have final concentration: 0.15M Sodium Chloride, 0.015M Sodium Citrate at pH 7.0.

Storage:

Store at Room Temperature

Safety Warnings:

For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

Alba 10X TAE Buffer

Cat. No.	Pack Size
MTE0344	6 x 100ml

Description:

A concentrated aqueous solution of TAE Buffer.

On dilution, the resultant 1X TAE Buffer will have final concentration: 0.04M Tris, 0.001M EDTA-Na₂ 2H₂O, 0.02M acetic acid at, pH 8.5.

Storage:

Store at Room Temperature

Safety Warnings:

For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

Alba 5X / 10X TBE Buffer

Cat. No.	Product	Pack Size
MTE0343	Alba 5X TBE Buffer	6 x 100ml
MTE0342	Alba 10X TBE Buffer	6 x 100ml

Description:

A 5X or 10X concentrated aqueous solution of Tris-Borate-EDTA.

On dilution, the resultant 1X TBE Buffer will have final concentration: 0.089M Tris Base, 0.089M Borate, 0.002M EDTA at pH 8.2.

Storage:

Store at Room Temperature

Safety Warnings:

For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

Alba 10X Tris-Glycine Buffer

Cat. No.	Pack Size
MTE0345	6 x 100ml

Description:

A concentrated aqueous solution of Tris-Glycine Buffer.

On dilution, the resultant 1X Tris-Glycine Buffer will have final concentration: 25mM Tris, 192mM Glycine at pH 8.3.

Applications:

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.

Alba 10X Tris-Glycine-SDS Buffer

Cat. No.	Pack Size
MTE0346	6 x 100ml

Description:

A concentrated aqueous solution of Tris-Glycine-SDS Buffer.

On dilution, the resultant 1X Tris-Glycine-SDS Buffer will have final concentration: 25mM Tris, 192mM Glycine, 0.1% SDS at pH 8.6.

Applications:

Tris-Glycine-SDS buffer is the most commonly used buffer for SDS-PAGE of proteins. It is usually used for both the anode and the cathode buffers.

The methanol prevents the gel from swelling during the transfer and enhances protein binding to nitrocellulose.

The 10X Tris-Glycine Buffer is diluted to 1X with methanol and water to make a solution containing 20% methanol.

Storage:

Store at Room Temperature

Safety Warnings:

For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals.

The recommended running conditions when using this buffer for SDS-Page is 150V for Mini vertical gel electrophoresis.

Storage:

Store at Room Temperature

Safety Warnings:

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