

PRODUCT INFORMATION

Xpress Blotting Buffer (10x)

Cat. No. 42661

Product description:

General Semi-Dry Western Blotting of mini gels within 15 min

Content 1 L 10x Xpress Blotting Buffer
 Sufficient for 40 mini blots (size: 80 x 85 mm)

Please note Ethanol, blotting fleece, connection paper and membranes are not included.

Storage Recommended storage temperature is +15 °C to +30 °C.

Before blotting

Equilibration buffer: Dilute 5 ml 10x Xpress Blotting Buffer 1:10 with ddH₂O to make 50 ml.

1x Blotting Buffer: Mix 10 ml 10x Xpress Blotting Buffer with 20 ml ethanol, add ddH₂O to final volume of 100 ml.

Blotting Fleece and Connection Paper: Add 20 ml 1x Blotting Buffer to each of the fleeces, roll through with a test tube, turn and roll again. The fleeces should be evenly moist but not wet. Then, wet the connection paper evenly with 1x Blotting Buffer.

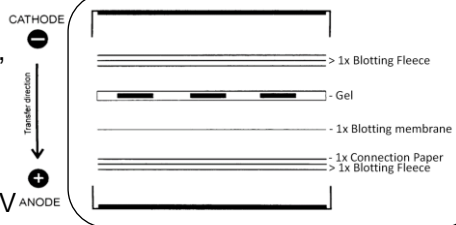
NC membrane: Incubate the membrane 5 min in 1x Blotting Buffer.

PVDF membrane: Incubate the membrane in ethanol until it becomes opaque. Before blotting equilibrate the membrane in 1x Blotting Buffer.

Gel equilibration: Cut off the stacking gel and incubate the separation gel 10 min in equilibration buffer on a slowly moving orbital shaker.

Semi-Dry Blotting procedure

Prepare an air-bubble free blotting stack as shown. After closing the lid, place a weight (1.5 kg) on top of the blotter and start the blotting. (See blotter manual if weight is needed.)



Usually, the anode is the lower electrode (see the blotter manual for details).

Voltage settings: 30 V, optimal 50 V

Current settings: 400 mA

Duration: 15 min (45 min at 100 mA)

Version 02/20