

# PRODUCT INFORMATION

## Xpress NC Blotting Kit

Cat. No. 42663

### Product description:

**General** Kit for Semi-dry-power-blotting of mini gels within 15 min.

<b>Components (sufficient for 10 blots)</b>	10x SERVA Xpress Blotting Puffer	250 ml
	Blotting Fleece (size: 80 x 85 mm)	20 pcs.
	Connection Paper (size: 80 x 85 mm)	10 pcs.
	NC2 supported nitrocellulose membrane, 0.2 µm (size: 80 x 85 mm)	10 pcs.

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

### Before blotting

Equilibration buffer: Dilute 5 ml 10x SERVA Xpress Blotting Buffer 1:10 with ddH<sub>2</sub>O to make 50 ml.

1x Blotting Buffer: Mix 10 ml 10x SERVA Xpress Blotting Buffer with 10 ml ethanol p.A. add ddH<sub>2</sub>O to final volume of 100 ml.

Blotting Fleece and Connection Paper: Add 20 ml 1x Blotting Buffer to each of the 2 fleece, use a test tube to full the fleece, turn them and full again. The fleece should be moisted evenly but not wet. Then, wet the connection paper evenly with equilibration buffer.

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

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 slow moving orbital shaker.

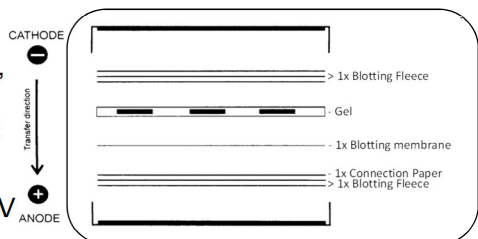
### Semi-Dry-Blotting procedure

Prepare an air-bubble free blotting stack as shown. After closing the lid, place a weight (1.5 kg) on top of the blotter (if SERVA BlueBlot SD is not used) and start the blotting.

**Voltage settings:** 30 V, optimal 50 V

**Current settings:** 400 mA

**Duration:** 15 min (45 min at 100 mA)



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