

Western Blotting Transfer Cell

Cat. No. BT304

SPECIAL NOTE:

Thanks for choosing BT Lab Systems' BT304 Western Blotting Transfer Cell. To insure the best performance from our Western Blotting Transfer Cell, please become fully acquainted with these operating instructions before using the cell. We recommend that you should first read these instructions carefully. Then assemble and disassemble the cell completely without transferring a gel. After these preliminary steps, you should be ready to run and transfer a gel.

We recommend that all the components and accessories of the Western Blotting Transfer Cell be cleaned with a suitable laboratory cleaner, and rinsed thoroughly with distilled water before use.

BT304 Western Blotting Transfer Cells are for laboratory use only. Please don't use it for purposes other than those for which they are intended.

PACKING LIST

Part	Quantity
Body tank with electrodes	1
Trans core	1
Transfer Cassette	2
Fiber Pads	4
Lid with electrical cables	1

COMPONENTS



CARE & MAINTENANCE

Units are best cleaned using warm water and a mild detergent. Water at temperatures above 60°C can cause damage to the unit and components.

The tank should be thoroughly rinsed with warm water or distilled water to prevent build up of salts but care should be taken not to damage the enclosed electrode and vigorous cleaning is not necessary or advised. Air drying is preferably before use.

Rnase Decontamination

Clean the units with a mild detergent as described above. Wash with 3% hydrogen peroxide (H₂O₂) for 10 minutes.

Rinsed with 0.1% DEPC (diethyl pyrocarbonate) treated distilled water, Caution: DEPC is a suspected carcinogen. Always take the necessary precautions when using.

OPERATION

1. Cool about 1-1.5L Transfer buffer in a fridge prior to assembling the cassette
2. Add a small amount of transfer buffer to a shallow tray and soak the fiber pads and filter paper, cut to the size of the gel, in the buffer.
3. Place the filter paper on the fiber pad, followed by the gel on the filter paper, and then put the membrane on the gel. Finish off with a piece of filter paper and the fiber pad.
4. Carefully moved the filter paper, fiber pad, membrane and the gel to the transfer cassette and fastened the slide lock.
5. Insert the cassette into the Trans core and place into the tank.
NOTE: *Make sure to orientate the cassettes correctly with red to red.*
6. Add transfer buffer until the transfer cassette is completely immersed in the buffer.
7. Carefully place the lid on the tank and connect to a power supply, start the transfer
8. Once finished, remove the cassettes and remove the membrane for downstream applications.

TECHNICAL SUPPORT

BT Lab Systems offers technical support for all of its products. If you have any questions about the product's use or, operation, please contact BT Lab Systems at the following:

E-Mail: info@BTLabSystems.com