

# Semi Dry Blotter

---

**Cat. No. BT303**

SAFETY PRECAUTION .....	3
MAINTENANCE.....	3
CLEANING HORIZONTAL UNITS.....	3
RNASE DECONTAMINATION .....	3
OPERATION METHOD .....	4
WARRANTY .....	4
TECHNICAL SUPPORT .....	4

## SAFETY PRECAUTION



When used correctly, these units pose no health risk. However, these units can deliver dangerous levels of electricity and are to be operated only by qualified personnel following the guidelines laid out in this instruction manual.

Anyone intending to use this equipment should read the complete manual thoroughly.

The unit must never be used without the safety lid correctly in position.

The unit should not be used if there is any sign of damage to the external tank or lid.

## MAINTENANCE

### ***Cleaning Horizontal Units***

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.

### ***The units should only be cleaned with the following:***

#### ***Rnase Decontamination***

Clean the units with a mild detergent as described above.

Wash with 3% hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) 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.

RNaseOUT™ (G-Biosciences) can also be used. Please consult the instructions for use with acrylic gel tanks.

## OPERATION METHOD

1. Adding a small amount of transfer buffer (39mmol / L glycine, 48mmol / L Tris, 0.037% SDS, 20% methanol) in a shallow tray, place the filter paper, soak in the buffer.
2. Cut the filter paper to the same size with the gel, put the gel on the filter paper, and then put the cellulose nitrate membrane and filter paper on the gel.
3. Carefully place the lid and connect to a power supply, start the transfer electrophoretic.

**Note:** NC membrane towards the positive, per square centimeter NC membrane set current: 0.65-1mA

4. After the experiment, remove the cellulose nitrate membrane according to the experimental purpose to proceed to the next step detection.

## WARRANTY

BT Lab Systems warrants apparatus of its manufacture against defects in materials and workmanship, under normal service, for ***one year from the shipping date to purchaser***. This warranty excludes damages resulting from shipping, misuse, carelessness, or neglect. BT Lab Systems' liability under the warranty is limited to the receipt of reasonable proof by the customer that the defect is embraced within the terms of the warranty. All claims made under this warranty must be presented to BT Lab Systems within one year following the date of delivery of the product to the customer.

## 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 info.

E-Mail: [info@BTLabSystems.com](mailto:info@BTLabSystems.com)