

DIALYSIS: DIACON™ 0.5ml CAPACITY DIALYSER

INSTRUCTIONS FOR USE:

Comprising: 40x Diacon devices, 40 x Red Caps and 1 x Floating Tube Rack that holds up to 18 devices at any one time.

The regenerated cellulose membrane used for Diacon has a molecular weight cut off 10,000 Daltons.

Step 1: Fill a standard laboratory beaker with desired quantity of dialysate, the larger the volume the larger the concentration differential. Note: ensure the beaker is large enough to fit the Floating Tube Rack inside.

Step 2: Pipette up to 0.5ml dialysate into the upper body of one of the Diacon devices.

Step 3: Place one of the Caps on firmly to prevent any spillage and evaporation.

Step 4: Carefully push the device into one of the pre-cut holes in the Floating Tube Rack and rest on the side ensuring upright and stable. *Note: Ensure device is pushed down far enough to be in direct contact with dialysate solution once placed in beaker.*

Step 5: Repeat steps 2-4 for up to 18 Diacon devices.

Step 6: Carefully lower loaded Floating Tube Rack into the beaker of dialysate. *Note: dialysis will be accelerated by use of a stirring flea in the beaker together with a magnetic stirring table.*

Step 7: Dialysate can be changed at any point to recreate the concentration differential for dialysis to continue. Additionally more sample solution can be added to devices if required.

Step 8: Once dialysis is complete carefully remove the Floating Tube Rack and pour away the dialysate. The purified sample solution can now be poured or pipette out of each device.

Product Code: W72010

