# PRODUCT INFORMATION

## Economic Dialysis Bag

***Product information for TX0111/TX0112/TX0113:***

**Description:**
The parameters of these dialysis bags are:

| Code | Width | Length | MWCO (Molecular Weight Cut-Off) |
|---|---|---|---|
| TX0111 | 34mm | 2m | 14,000 Dalton |
| TX0112 | 44mm | 2m | 14,000 Dalton |
| TX0113 | 77mm | 2m | 14,000 Dalton |

**Membrane Handling and Use:**
The following dialysis procedure is a general protocol for basic dialysis. There are many variables that should be taken into consideration before starting the dialysis of your sample. Some of the variables that will affect the rate of dialysis are sample solvent, membrane compatibility, membrane MWCO, dialysate solvent, dialysate volume, temperature, etc. Therefore, some application-specific changes to the guidelines below may be necessary.

**General Dialysis Guideline:**

1. Fill a Dialysis Reservoir with a large volume of appropriate dialysate (buffer). The dialysate volume should be equal 100X of sample volume. (Example: dialyze 10 ml of sample in a Liter of dialysate.)
2. Cut dialysis tubing into appropriate lengths. Allow extra tubing length (about 10% of total sample volume) for a small head space. This insures that the sack will float and not be damaged by the rotating stir bar. Prepare the tubing according to the directions for use.
3. Open the Closure by releasing the security lock. Insert dialysis tubing into the opened Closure and reclamp with approximately 3 to 5 mm of tubing extending from the Closure.
4. Load the sample into dialysis tubing through the open end. Adjust the length for a head space and clamp the tubing closed.
5. Place the Dialysis sample in appropriate dialysis buffer.
6. Drop a clean magnetic stir bar into the dialysis reservoir. Make sure that the stir bar is large enough to stir the entire dialysate volume but not too large that it can not freely rotate. Place the dialysis reservoir on a stirrer. Adjust the control for the maximum speed that does not pull down the sample by the vortex.