



The QuixSep method of loading and unloading sample is easy, efficient, and helps prevent sample loss. QuixSeps work fast. Most equilibration times average 30 minutes to one hour for simple dialysis of salts or buffer exchange. You may choose your own membranes (and MWCO) "right off the shelf" to use with a QuixSep. QuixSeps are reusable and rugged, which reduces cost and minimizes bio-hazardous waste. QuixSeps are available in a range of convenient volumes: 0.1ml, 0.5ml & 1.0ml.

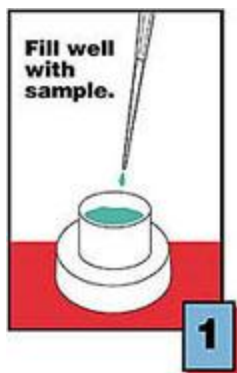


Part No.	Max Capacity	Qty
QS1-5000	5 ml	1 ea
QS3-1510	Assorted	1/ea size
QS3-0500	0.5 ml	3 ea
QS3-1000	1.0 ml	3 ea
QS3-0100	0.1 ml	3 ea
QS1-1000	1.0 ml	1 ea
QS1-0500	0.5 ml	1 ea
QS1-0100	0.1 ml	1 ea

QuixSep Instructions

The QuixSep Micro Dialyzer is a two-piece capsule that securely locks a small membrane sheet in place with a push fit. One or more loaded QuixSep Micro Dialyzers placed into a stirred beaker and stirred vigorously will result in a greatly accelerated dialysis rate. The membrane and sample are protected from damage by the lid/collar. Without opening the capsule, sample is quickly removed by puncturing the membrane with a pipet tip or syringe, and directly aspirating the sample from the chamber.

Four Easy Steps



1. Sample volume should fall between 50 μ l and the maximum volume marked on the QuixSep chamber, leaving a space for an air "bubble" to form, which will facilitate mixing.



2. Center a prepared one-inch square dialysis membrane over the well. Push the collar over the membrane until it meets the flange, locking the membrane in place.

Note: Multiple QuixSepts can be used in the same beaker, depending on the size of the beaker.



3. Place the loaded QuixSep into a stirred beaker. Adjust the stir bar speed so that the capsule tumbles continuously, allowing the air bubble to mix the sample. Allow at least 1/2 hour for each 0.1 ml of sample. Exact equilibration times must be determined by the user.



4. The sample is best recovered by puncturing the dialysis membrane with a pipet tip or syringe, and directly aspirating the sample.

QuixSep units can be cleaned by glassware washing machines and laboratory detergents. Ultrasonic cleaners may be used, provided the QuixSep unit does not rest upon the transducer diaphragm.