INSTRUCTIONS

Slide-A-Lyzer™ MINI Dialysis Unit

0803.7

Number	Description
69580	**Slide-A-Lyzer MINI Dialysis Unit, 2K MWCO**, 50 each
69553	**Slide-A-Lyzer MINI Dialysis Unit, 2K MWCO**, 250 each
69550	**Slide-A-Lyzer MINI Dialysis Unit, 3.5K MWCO**, 50 each
69552	**Slide-A-Lyzer MINI Dialysis Unit, 3.5K MWCO**, 250 each
69558	**Slide-A-Lyzer MINI Dialysis Unit plus Float, 3.5K MWCO**, 10 each and 1 float that holds 25 units
69560	**Slide-A-Lyzer MINI Dialysis Unit, 7K MWCO**, 50 each
69562	**Slide-A-Lyzer MINI Dialysis Unit, 7K MWCO**, 250 each
69570	**Slide-A-Lyzer MINI Dialysis Unit, 10K MWCO**, 50 each
69572	**Slide-A-Lyzer MINI Dialysis Unit, 10K MWCO**, 250 each
69576	**Slide-A-Lyzer MINI Dialysis Unit plus Float, 10K MWCO**, 10 each and 1 float that holds 25 units
69574	**Slide-A-Lyzer MINI Dialysis Unit plus Microtubes, 10K MWCO**, 10 each
69590	**Slide-A-Lyzer MINI Dialysis Unit, 20K MWCO**, 50 each
69555	**Slide-A-Lyzer MINI Dialysis Unit, 20K MWCO**, 250 each

Note: Sufficient caps are provided with all Slide-A-Lyzer MINI Dialysis Unit packages.

Storage: Store at room temperature.

Introduction

The Thermo Scientific Slide-A-Lyzer MINI Dialysis Unit is a disposable dialysis cup made of polypropylene and regenerated cellulose. Sample addition and removal are easily accomplished using a standard laboratory pipette.

Notes for Using the Slide-A-Lyzer MINI Dialysis Unit

- Place the unit into the float so that the bottom of the dialysis unit is in contact with the dialysate. Always make sure that the volume level of the sample is at or above the level of the dialysate. If the volume level of the sample is lower then the level of dialysate, hydrostatic pressure will force dialysate into the unit, diluting the sample.
- Although the physical capacity of the unit is 500µL, for best results, apply a sample volume of 10-100µL.
- To prevent contamination, do not touch the membrane with ungloved hands.
- If glycerol removal is desired, soak the Slide-A-Lyzer MINI Dialysis Unit in 1L of water for 15 minutes.
- Cap the Slide-A-Lyzer MINI Dialysis Unit and place in a flotation device (Product No. 69588).
- Use a low speed setting on a stir plate so that the flotation device is not submerged.
- Typical dialysis time to obtain equilibrium is 10 minutes to 2 hours using a dialysate volume of 0.5-1L.
- For the best volume recovery, collect the sample from the corner of the Slide-A-Lyzer MINI Dialysis Unit.

Related Thermo Scientific Products

69588	**Slide-A-Lyzer MINI Dialysis Unit Float,** holds 25 units in a 5 × 5 array
66530	**Slide-A-Lyzer Concentrating Solution,** 25mL
28372	**BupH™ Phosphate Buffered Saline Packs,** 40 packs
28376	**BupH Tris Buffered Saline Packs,** 40 packs

Slide-A-Lyzer Chemical Compatibility List

Reagent		Reagent	
Acetic acid, 25%	G	Hydrofluoric acid, 25%	F
Acetone	G	Hydrogen peroxide, 30%	G
Ammonium hydroxide, 1N	F	Isopropanol	G
Ammonium hydroxide, 25%	F	Methanol, 98%	G
Amyl acetate	G	Methyl acetate	G
Benzene	N	Methyl ethyl ketone	G
Benzyl alcohol	N	Methylene chloride	G
Butanol	G	Nitric acid, 25%	N
Butyl acetate	G	Nitric acid, 65%	N
Carbon tetrachloride	G	Perchloric acid, 25%	N
Chloroform	N	Phosphoric acid, 25%	F
Dimethyl formamide	F	Potassium hydroxide (1N)	N
Dioxane	G	Propylene glycol	G
Ethanol, 70%	G	Sodium hydroxide (1N)	F
Ethanol, 95%	G	Sulfuric acid, 25%	F
Ethyl acetate	G	Sulfuric acid, 96%	N
Ethylene glycol	G	Tetrahydrofuran	G
Formaldehyde solution, 30%	G	Toluene	G
Formic acid, 100%	G	Trichloroacetic acid, 10%	F
Formic acid, 25%	B	Trichloroacetic acid, 25%	N
Hexane	G	Xylene	F
Hydrochloric acid, 25%	N	Trichloroethylene	N
Hydrochloric acid, 30%	N		

Legend

G = Good chemical resistance
F = Fair chemical resistance (pore swelling might occur)
N = Not recommended

Please visit our web site for additional information on this product including the following items:

- Application Note: Sample Recovery from the Slide-A-Lyzer MINI Dialysis Units

This product ("Product") is warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation") and to be free from defects in material and workmanship. Unless otherwise expressly authorized in writing, Products are supplied for research use only. No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the original purchaser of the Product ("Buyer").

No other warranties, express or implied, are granted, including without limitation, implied warranties of merchantability, fitness for any particular purpose, or non infringement. Buyer's exclusive remedy for non-conforming Products during the warranty period is limited to replacement of or refund for the non-conforming Product(s).

There is no obligation to replace Products as the result of (i) accident, disaster or event of force majeure, (ii) misuse, fault or negligence of or by Buyer, (iii) use of the Products in a manner for which they were not designed, or (iv) improper storage and handling of the Products.

Current product instructions are available at *www.thermoscientific.com/pierce*. For a faxed copy, call 800-874-3723 or contact your local distributor.