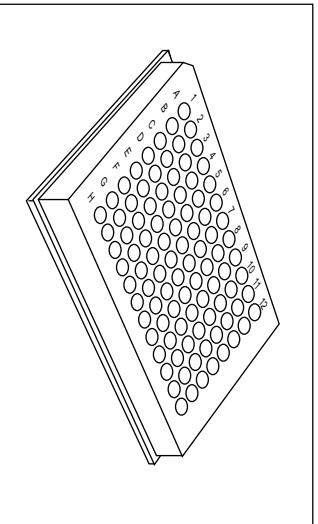

Multiscreen® Separations System

HARVEST PLATES



- MAHF B1H 60 (60 pack)
- MAHF C1H 60 (60 pack)

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Introduction

MultiScreen Harvest Plates are non-sterile, single-use 96-well filter plates specifically designed for cell harvesting applications. The unit consists of 96 independent 100 μ L wells individually fitted with type B or type C glass fiber filters. As in other MultiScreen plates, the individual filters in each well of our Harvest plates totally eliminate reagent cross talk. These plates are made from scintillant-resistant, white opacified SAN polymer.

MultiScreen Harvest Plates fit into standard 96-well cell harvesters fitted for microplates, including those from Wallac Oy, Packard Instruments, TomTec, and Brandel Co. The size and rigidity of these Harvest plates assures easy handling by all standard robotic arms.

NOTE: MultiScreen Harvest Plates are intended solely for counting in 96-well microplate counters.

Limitations

- Do not use at temperatures above 40 °C to ensure accurate results.
- Do not reuse Harvest plates.
- Harvest plates cannot be used for incubating or filtrate transfer.
- Do not use with organic solvents other than scintillation cocktails.
- Harvest plates are intended solely for use in cell harvesters. Proper vacuum sealing is not obtained in a filter plate vacuum manifold.

How to Use the Harvest Plates

After completing your bioassay in a standard 96-well microtiter plate, use the MultiScreen Harvest Plate as follows:

1. Mount your assay plate and the MultiScreen Harvest Plate in the cell harvester.
2. Operate the cell harvester according to the manufacturer's instructions to aspirate the fluid from the assay plate and through the Harvest plate.
3. Fill the assay plate with wash solution, then repeat steps 2 and 3.

NOTE: The wash steps can vary depending on harvest protocols developed individually by customers.

4. Repeat the wash procedure as necessary for your protocol.
5. Remove the Harvest plate when the washing is completed, and dry if necessary. The plate is ready for counting.

How to Count the Harvest Plates

1. Seal the bottom of the wells with scintillant-resistant plate sealing tape (opaque for top reading instruments; clear for bottom reading or coincidence counting).
2. Add scintillant to the filter wells (typically 10–30 μL).
3. Use plate sealing tape to seal the top of the plate.
4. Send plate to the counter queue.

▲WARNING: When you complete your procedure, dispose of samples, plates, and waste according to proper safety regulations.

Specifications

Dimensions

Height	0.565 in.
Maximum Length	5.030 in.
Maximum Width	3.360 in.

Membrane Area (effective) 0.27 cm²/well

Pore Size Rating 1.0 µm for Glass Fiber B
1.2 µm for Glass Fiber C

Materials of Construction

Membrane: Binderless Glass Fiber Filter
Type B or Type C

Plastic Holder: TiO₂ filled SAN polymer

Temperature Limit 40 °C

Solvent Compatibility

Aqueous solutions, with moderate to strong acids, such as TCA (trichloroacetic acid). In addition, the plates are fully compatible with standard bio-safe scintillants, including ReadySafe[®], Wallac SuperMix[™] and MicroScint[®] formulations.

Sterility MultiScreen Harvest Plates are non-sterile.

Ordering Information

Catalogue No.	Description	Qty
MAHF B1H 60	Type FB Glass in 100 μ L size (1H)	60/pack
MAHF C1H 60	Type FC Glass in 100 μ L size (1H)	60/pack
Plate bottoms should be sealed with tape prior to adding scintillant. For top counting readers, use opaque tape to seal the bottom. For bottom counting readers, use clear tape to seal the bottom. Use clear tape to seal the top of all plates.		
MATA HCL 00	Clear plate sealing tape	100/pack
MATA HOP 00	Opaque plate sealing tape	100/pack

Technical Assistance

For more information, contact the Millipore office nearest you. In the U.S., call **1-800-MILLIPORE** (1-800-645-5476). Outside the U.S., see your Millipore catalogue for the phone number of the office nearest you or go to our web site at www.millipore.com/offices for up-to-date worldwide contact information. You can also visit the tech service page on our web site at www.millipore.com/techservice. For the most up-to-date information on MultiScreen products, see <http://www.millipore.com/multiscreen>.

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