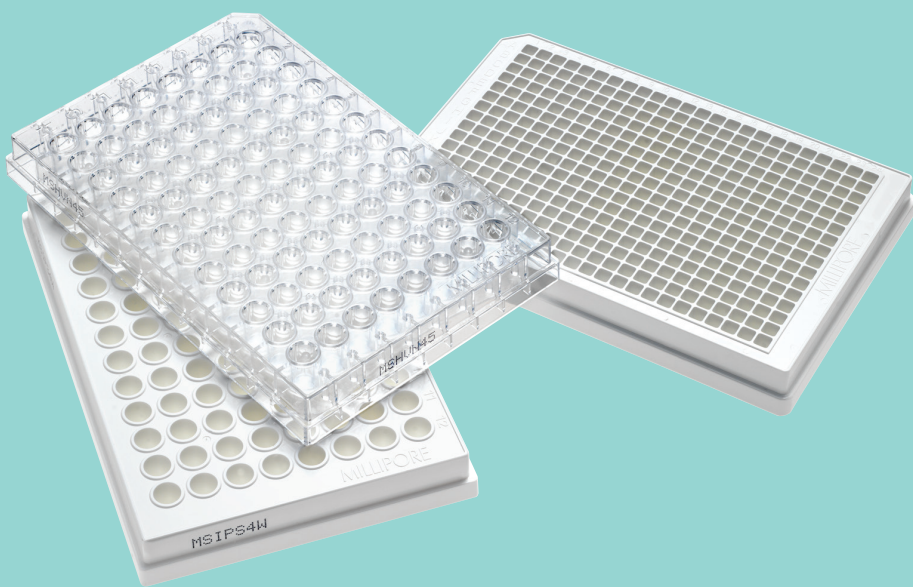


Multiscreen® Filter plates



1 nm

10 nm

100 nm

1 µm

10 µm

100 µm

1 mm

10 mm

Small Molecule

Large Molecule

Protein

DNA

Viruses

Bacteria

Yeast

Animal Cells

Diatoms

Beads

Tissue

Molds

Multicellular Organisms

Colored boxes correspond to membrane options (chart at right)

Application	Plate Type(s)
Drug solubility studies	MultiScreen®-PCF Filter Plates for Solubility Assays
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen Solvinert™ and Deepwell Solvinert™ Plates
	MultiScreen® High Volume plate with Durapore® Membrane
Permeability studies/PAMPA assay	MultiScreen® Permeability Plate
	MultiScreen®-JP Plate for PAMPA
Cell-based drug permeability studies	Millicell®-96 Well Plate for Caco-2 Assays
	Millicell®-96 Well Cell Culture Insert Plate, PET
Total drug analysis	MultiScreen Solvinert™ and Deepwell Solvinert™ Plates
Clarification of cellular debris or particulates	MultiScreen®-FB or -FC Plate
	MultiScreen® High Volume Plate with FC Membrane
Dye terminator removal	MultiScreen® Plate with Durapore® Membrane
	MultiScreen®-PCR and -µPCR Plates
PCR cleanup	MultiScreen®-NA Plate
Lysate clearing	MultiScreen® Plate with Immobilon®-P membrane
DNA-binding proteins	MultiScreen® Plate with Immobilon®-P membrane
Protein binding	MultiScreen® Plate with Immobilon®-P membrane
Cloned receptor-binding studies	MultiScreen®-HA Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® High Volume Plate with Durapore® Membrane
	MultiScreen®-FB or -FC Plate
ELISA	MultiScreen®-FB or -FC Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Membrane absorbance assays	MultiScreen®-HA Plate
	MultiScreen® Harvest, -FB or -FC Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Enzyme assays (kinases, phosphatases, etc)	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Bacteria	MultiScreen® Plate with Durapore® Membrane
	MultiScreen®-HA Plate
Cell fragment/receptor binding assays (radiometric)	MultiScreen® Harvest, -FB or -FC Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Calcium uptake measurements	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Studies using cell monolayers (Caco-2, MDCK)	Millicell® 96- or 24-Well Insert Plates for Transporter Assays
	Millicell®-96 Well Cell Culture Insert Plate, PET
Elispot assays to assess immune response	MultiScreen®-HA Plate
	MultiScreen® Plate with Immobilon®-P Membrane
	MultiScreen®-MIC Plate
	MultiScreen® Harvest Plate
Migration, invasion, chemotaxis	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Cell proliferation and whole cell receptor binding assays (radiometric)	MultiScreen®-FB or -FC Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Whole tissue radiometric receptor binding assays	MultiScreen®-FB or -FC Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
Neurotransmitter release from brain tissue	MultiScreen®-FB or -FC Plate
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen® Plate with Durapore® Membrane
	MultiScreen®-MESH Plate
Whole organism cytotoxicity, paralysis, and morbidity	MultiScreen® Plate with Durapore® Membrane
Luminex® bead-based assays	MultiScreen® Plate with Durapore® Membrane

Multiply your success with the MultiScreen® HTS Vacuum Manifold

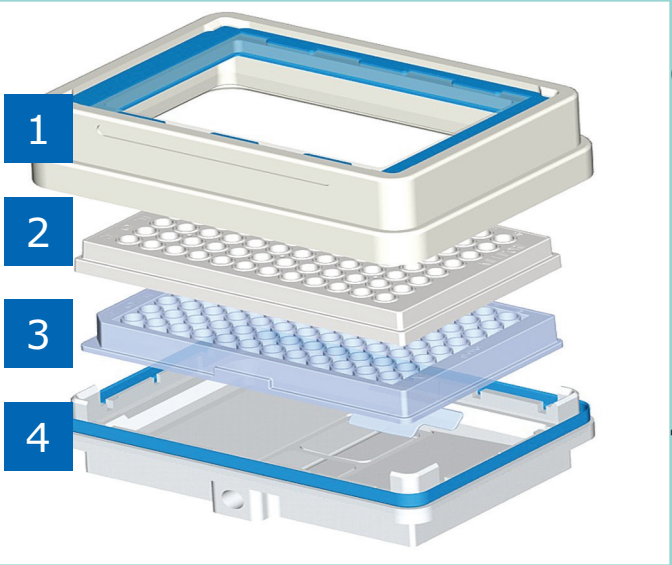


Plate-on-plate stacking eliminates gaps between flow directors and receiver wells in applications that require filtrate collection.

1. Manifold Collar
2. MultiScreen® Filter Plate
3. Collection Plate
4. Manifold Base

Need automation?

MultiScreen® Plates feature:

- High throughput screening in 96- and 384- well format
- ANSI/SBS standards compliance
- Rigid sidewalls
- Barcode-labeling capability
- Design that prevents cross-well contamination

Custom MultiScreen® Filter Plates

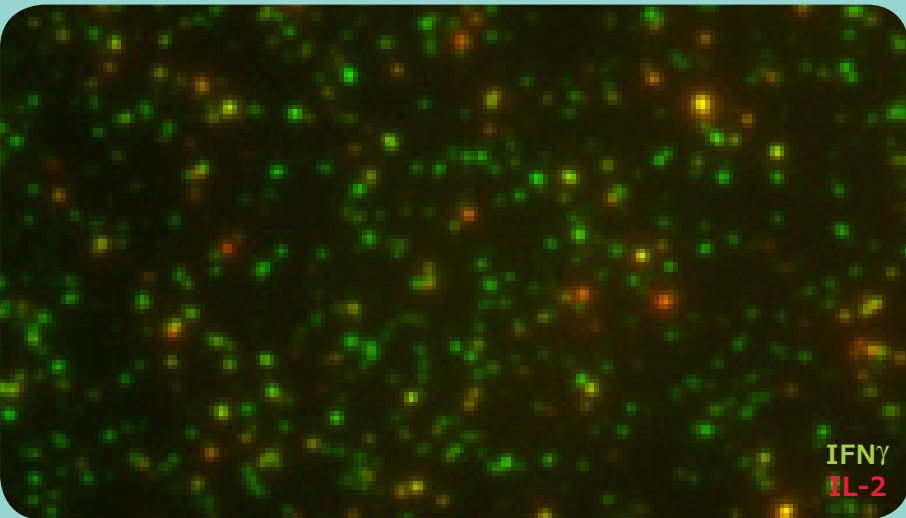
We'll create the perfect plate for your assay, with any combination of filter membrane, housing material and other required specifications.

Contact your representative:

How to spot an immune response

Our assay-validated ELISpot plates are equipped with HA or Immobilon®-P PVDF membranes to successfully identify T or B cell response with single-cell precision

- Validated membranes
- Uniform spot morphology
- Compatible with automation



Type	Description	Product	Pore Size (µm)	Plate Color/Material	No. of Samples	Sample Volume (mL)	Sterility	Cat. No.*	Qty/Pk Options		
PVDF Membrane	Plates with Hydrophilic Durapore® PVDF Membrane	MultiScreen® HTS GV	0.22	Clear Acrylic	96	0.3	☼	MSGVN22	10 50		
				Opaque Barex®	96	0.3	●	MSGVS22	10		
				Clear Styrene	96	0.3	☼	MSGVN2B	50		
				Opaque Barex®	96	0.3	●	MSHVS45	10		
		MultiScreen® HTS HV	0.45	White SAN	96	0.3	☼	MSHVN4B	10 50		
				Clear Styrene	384	0.1	☼	MZHVN0W	10 50		
				Opaque Barex®	96	0.3	☼	MSDVN65	10 50		
				Opaque Barex®	96	0.3	☼	MSDVN6B	50		
	MultiScreen® HTS DV	0.65	Clear Styrene	96	0.3	☼	MSBVN12	10 50			
			Opaque Barex®	96	0.3	☼	MSBVN12	10			
			Opaque Barex®	96	0.3	●	MSBVS12	10			
			Opaque Barex®	96	0.3	☼	MSBVS1B	50			
	MultiScreen® HTS BV	1.2	Clear Styrene	96	0.3	☼	MVHVN45	25			
			Opaque Polypropylene	96	2.0	☼					
			Plates with Immobilon®-P Membrane (Hydrophobic PVDF)	MultiScreen® HTS -IP	0.45	Clear Acrylic	96	0.3	☼	MSIPN45	10 50
						White Acrylic	96	0.3	●	MSIPN45	10
Opaque Barex®	96	0.3				☼	MSIPN4W	50			
Opaque Barex®	96	0.3				●	MSIPN4W	10 50			
MultiScreen® HTS -IP 8 Well Strip Plate	0.45	Clear Acrylic		96	0.3	☼	MSIPN4B	10 50			
		Clear Acrylic		96	0.3	☼	M8IPN4510	10			
		Multiscreen-IP w/o underdrain		0.45	White Acrylic	96	0.3	☼	MAIPSWU10	10	
MCE	Plates with mixed cellulose esters (MCE) hydrophilic membrane	MultiScreen® HTS -HA	0.45	Clear Styrene	96	0.3	☼	MSHAN45	10 50		
				Opaque Barex®	96	0.3	●	MSHAS45	10		
				Clear Styrene	96	0.3	☼	MSHAN4B	50		
				Opaque Barex®	96	0.3	●	MSHAS4B	10		
PTFE	Solvent-Resistant filter plates	Hydrophilic MultiScreen Solvinert™	0.45	Clear Polyolefin Copolymer	96	0.3	☼	MSRLN04	10 50		
		Hydrophobic MultiScreen Solvinert™	0.45	Clear Polyolefin Copolymer	96	0.3	☼	MSRPN04	10 50		
	Solvent-Resistant Deep Well Filter Plates	Hydrophilic MultiScreen® Deepwell Solvinert™	0.45	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	96	2.0	☼	MDRLN04	10		
			0.45 with pre-filter	96	2.0	☼	MDRLNP4	10			
		Hydrophobic MultiScreen® Deepwell Solvinert™	0.45	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	96	2.0	☼	MDRPN04	10		
			0.45 with pre-filter	96	2.0	☼	MDRPNP4	10			
Nylon	Plates with Nylon Mesh	MultiScreen® MESH	20.0	Clear Styrene	96	0.3	☼	MANMN20	10		
			40.0	Clear Styrene	96	0.3	☼	MANMN40	10		
			60.0	Clear Styrene	96	0.3	☼	MANMN60	10		
			100.0	Clear Styrene	96	0.3	☼	MANM100	10		
Polycarbonate Membrane	Plates for Migration Invasion & Chemotaxis	MultiScreen®-MIC	3.0	Clear Styrene	96	0.3	●	MAMIC3S	10		
			5.0	Clear Styrene	96	0.3	●	MAMIC5S	10		
			8.0	Clear Styrene	96	0.3	●	MAMIC8S	10		
			0.4	Clear Styrene	96	0.3	●	PSHT004	1 5		
	Plates for non cell-based absorption assay system	MultiScreen® Permeability	0.5	Clear Styrene	96	0.3	☼	MPC4NTR	10		
Specialty Membranes	Plates for Aqueous solubility of organic compounds	MultiScreen® HTS Solubility	0.4	Clear Styrene	96	0.3	☼	MSSLBPC	10 50		
	Plates for cell attachment, growth & differentiation	Millicell 96-well cell culture insert plate	1.0	Clear Styrene	96	0.3	●	PSRP 004	1 5		
	Plates with proprietary membrane for lysate clearing	MultiScreen®-NA	—	Clear Styrene	96	0.3	☼	MSNANLY	10 50		
	Plates with glass fiber filters	MultiScreen® HTS -FB	FB w/0.65	Opaque Barex®	96	0.3	☼	MSFBN6B	10 50		
			FB	White SAN	384	0.1	☼	MZFBN0W	10 50		
		MultiScreen® HTS -FC	FC w/0.65	Opaque Barex®	96	0.3	☼	MSFCN6B	10 50		
			FC	White SAN	384	0.1	☼	MZFCN0W	10 50		
		MultiScreen® HTS+ -FC	FC	Opaque Barex®	96	0.3	☼	MSFCNXB	50		
			1.20	White SAN	384	0.1	☼	MZFCN0W	10 50		
		MultiScreen® High Volume FC	1.20	Opaque Polypropylene	96	2.0	☼	MVFCN12	25		
		MultiScreen® HTS -FB	FB (1.0)	Opaque Barex®	96	0.3	☼	MSFBNXB50	50		
Harvest plates		MultiScreen® Harvest Plates	FB (1.0)	Opaque SAN	96	0.3	☼	MAHFB1H	60		
			FC (1.2)	Opaque SAN	96	0.3	☼	MAHFC1H	60		
Plates for PCR Cleanup		MultiScreen® PCRµ96	—	Clear (Purple) Styrene	96	0.1	—	LSKMPCR	10 50		
			—	Clear Styrene	96	0.3	—	MSNU030	10 50		
Plates for SEQ Cleanup	MultiScreen® PCR384	—	Clear Styrene	384	0.1	—	S384PCR	10 50			
		—	Clear Styrene	384	0.1	—	S384SEQ	10 50			
Montage® SEQ96 Cleanup Kit	Montage® SEQ96 Cleanup Kit	—	Clear (Blue) Styrene	96	—	—	LKS096	04 24			
Montage® Filter Plates for Plasmid Miniprep	Montage® Plasmid96 Miniprep Kit	—	Clear Styrene	96	—	—	LSPK096	04 24			

*The two-digit quantity code must be added to the catalog number listed here to complete the order number. Example: MSGVS2250 or MSGVS2210
● Sterile ☼ Non-sterile ☼ Optically transparent

