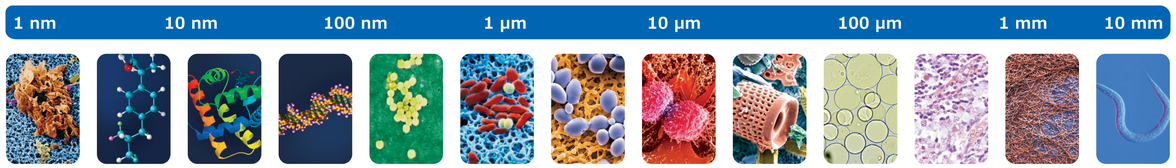
MultiScreen® Filter Plates



Colored boxes correspond to membrane options (chart at right)

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

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
					96	0.3	●	**MSGVS22**	10	
				Opaque Barex®	96	0.3	⊘	**MSGVN2B**		50
		MultiScreen®$_{HTS}$ HV	0.45	Clear Styrene	96	0.3	⊘	**MSHVN45**	10	50
					96	0.3	●	**MSHVS45**	10	
				Opaque Barex®	96	0.3	⊘	**MSHVN4B**	10	50
				White SAN	384	0.1	⊘	**MZHVN0W**	10	50
		MultiScreen®$_{HTS}$ DV	0.65	Clear Styrene	96	0.3	⊘	**MSDVN65**	10	50
				Opaque Barex®	96	0.3	⊘	**MSDVN6B**		50
		MultiScreen®$_{HTS}$ BV	1.2	Clear Styrene	96	0.3	⊘	**MSBVN12**	10	50
					96	0.3	●	**MSBVS12**	10	
		MultiScreen® High Volume HV	0.45	Opaque Polypropylene	96	2.0	⊘	**MVHVN45**		25
	Plates with Immobilon®-P Membrane (Hydrophobic PVDF)	MultiScreen®$_{HTS}$-IP	0.45	Clear Acrylic	96	0.3	⊘	**MSIPN45**	10	50
					96	0.3	●	**MSIPS45**	10	
					96	0.3	⊘	**MAIPN4550**		50
					96	0.3	⊘	**MAIPNTR10**	10	
				White Acrylic	96	0.3	⊘	**MSIPN4W**		50
					96	0.3	●	**MSIPS4W**	10	
				Opaque Barex®	96	0.3	⊘	**MSIPN4B**	10	50
					96	0.3	⊘	**MAIPN0B50**		50
		MultiScreen®$_{HTS}$ -IP 8 Well Strip Plate	0.45	Clear Acrylic	96	0.3	⊘	**M8IPS4510**	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
					96	0.3	●	**MSHAS45**	10	
				Opaque Barex®	96	0.3	⊘	**MSHAN4B**		50
					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
		Hydrophobic MultiScreen® Deepwell Solvinert™	0.45	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	96	2.0	⊘	**MDRPN04**		10
			0.45 with pre-filter	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	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	0.4	Clear Styrene	96	0.3	⊘	**MPC4NTR**	10	
	Plates for Aqueous solubility of organic compounds	MultiScreen®$_{HTS}$ Solubility	0.4	Clear Styrene	96	0.3	⊘	**MSSLBPC**	10	50
Specialty Membranes	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
	Plates for PCR Cleanup	MultiScreen® PCRµ96	—	Clear (Purple) Styrene	96	0.1	—	**LSKMPCR**	10	50
		MultiScreen® PCR96	—	Clear Styrene	96	0.3	—	**MSNU030**	10	50
		MultiScreen® PCR384	—	Clear Styrene	384	0.1	—	**S384PCR**	10	50
	Plates for SEQ Cleanup	MultiScreen® SEQ384	—	Clear Styrene	384	0.1	—	**S384SEQ**	10	50
		Montage® SEQ96 Cleanup Kit	—	Clear (Blue) Styrene	96	—	—	**LSKS096**	04	24
	Montage® Filter Plates for Plasmid Miniprep	Montage® Plasmid96 Miniprep Kit	—	Clear Styrene	96	—	—	**LSKP096**	04	24

● Sterile ⊘ Non-sterile Optically transparent

Multiply your success with the MultiScreen®$_{HTS}$ Vacuum Manifold

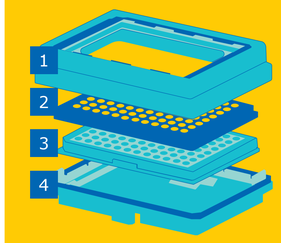


Plate-on-plate stacking eliminates gaps between flow directors and receiver wells in applications that require filtrate collection.

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

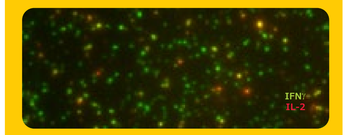
Custom MultiScreen® Filter Plates

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

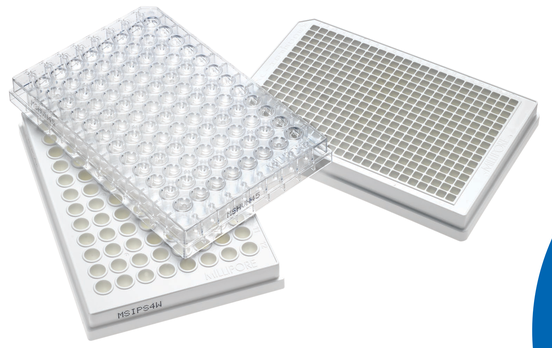
How to spot an immune response

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



The Life Science business of Merck operates as MilliporeSigma in the U.S. and Canada.



Millipore®

Preparation, Separation, Filtration & Monitoring Products