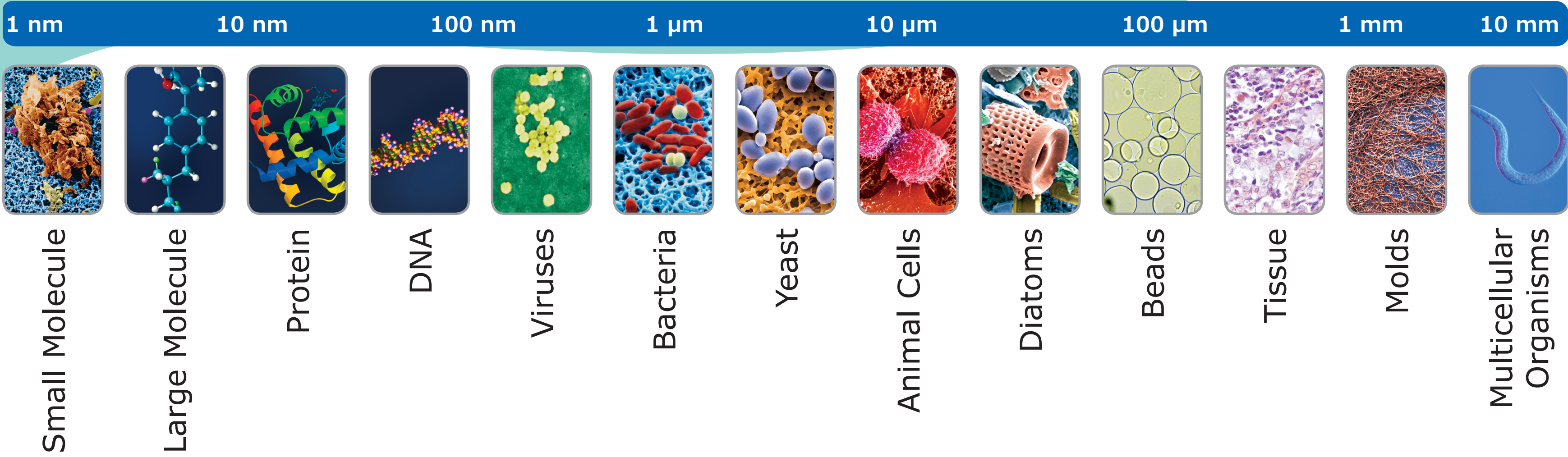
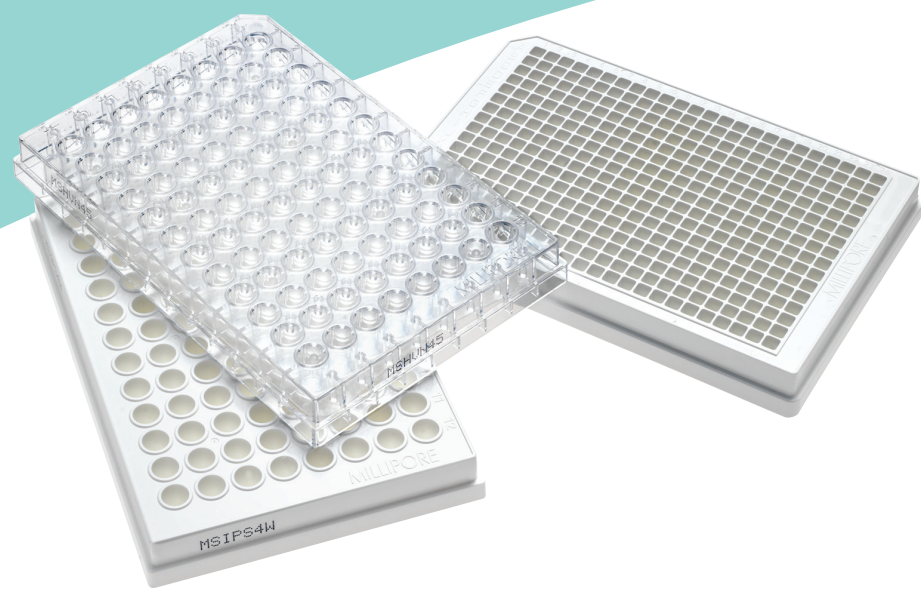


Multiscreen® Filter plates



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

Multiply your success with the MultiScreen® HTS Vacuum Manifold

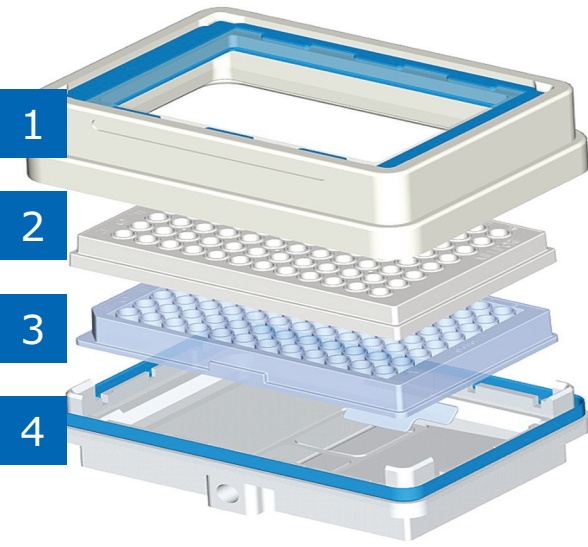


Plate-on-plate stacking eliminates gaps between flow directors and receiver wells in applications that require filtrate collection.

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

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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

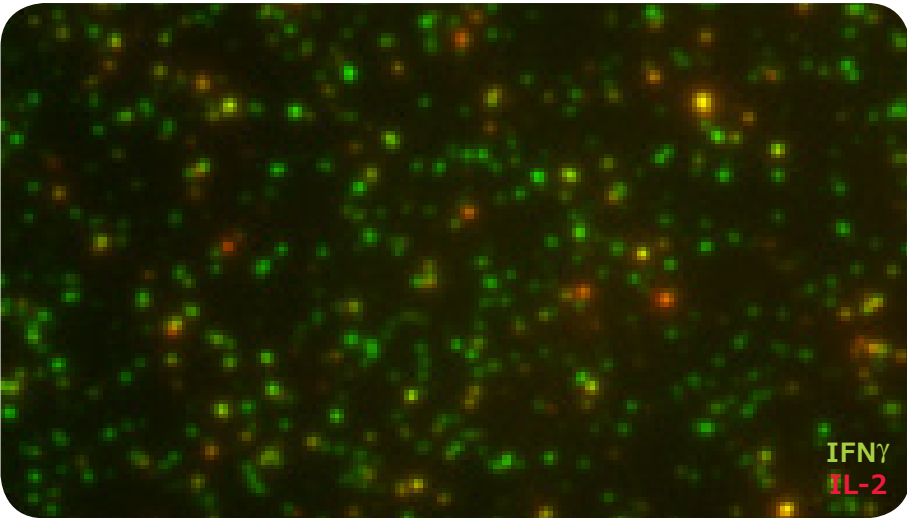
We'll create the perfect plate for your assay, with any combination of filter membrane, housing material and other required specifications.

Contact your representative: www.emdmillipore.com/techservice

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



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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		
					96	0.3	☐	MSGVN2B	50		
					96	0.3	☐	MSHVN45	10 50		
		MultiScreen® _{HTS} HV	0.45	Clear Styrene	96	0.3	☐	MSHVN45	10 50		
					96	0.3	●	MSHVS45	10		
					96	0.3	☐	MSHVN4B	10 50		
					384	0.1	☐	MZHVNOW	10 50		
	MultiScreen® _{HTS} DV	0.65	Clear Styrene	96	0.3	☐	MSDVN65	10 50			
				96	0.3	☐	MSDVN6B	50			
				96	0.3	☐	MSBVN12	10 50			
				96	0.3	●	MSBVS12	10			
	MultiScreen® _{HTS} BV	1.2	Clear Styrene	96	0.3	☐	MSBVN12	10 50			
				96	0.3	☐	MSBVS12	10			
				96	0.3	☐	MSBVS1B	50			
				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	☐	MSIPN4W	50			
				96	0.3	●	MSIPS4W	10 50			
	MultiScreen® _{HTS} -IP 8 Well Strip Plate	0.45	Clear Acrylic	96	0.3	☐	MSIPN4B	10 50			
				96	0.3	☐	M8IPS4510	10			
				96	0.3	☐	MAIPSWU10	10			
				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		
					96	0.3	☐	MSHAN4B	50		
					96	0.3	●	MSHAS4B	10		
		MultiScreen® _{HTS} -IP 8 Well Strip Plate	0.45	Clear Styrene	96	0.3	☐	MSHAN4B	10 50		
					96	0.3	●	MSHAS4B	10		
					96	0.3	☐	MSRLN04	10 50		
					96	0.3	☐	MSRLN04	10 50		
	Solvent-Resistant filter plates	Hydrophilic MultiScreen Solvintert™	0.45	Clear Polyolefin Copolymer	96	0.3	☐	MSRPN04	10 50		
					96	0.3	☐	MSRPN04	10 50		
					96	0.3	☐	MSRPN04	10 50		
					96	0.3	☐	MSRPN04	10 50		
		Hydrophobic MultiScreen Solvintert™	0.45	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	96	2.0	☐	MDRLN04	10		
					96	2.0	☐	MDRLN04	10		
					96	2.0	☐	MDRPN04	10		
					96	2.0	☐	MDRPN04	10		
PTFE	Solvent-Resistant Deep Well Filter Plates	Hydrophilic MultiScreen® Deepwell Solvintert™	0.45	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	96	2.0	☐	MDRLN04	10		
					96	2.0	☐	MDRLN04	10		
					96	2.0	☐	MDRPN04	10		
					96	2.0	☐	MDRPN04	10		
		Hydrophobic MultiScreen® Deepwell Solvintert™	0.45	Clear Polyolefin copolymer & Acrylic Olefin Copolymer	96	2.0	☐	MDRPN04	10		
					96	2.0	☐	MDRPN04	10		
					96	2.0	☐	MDRPN04	10		
					96	2.0	☐	MDRPN04	10		
	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		
			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			
		0.5	Clear Styrene	96	0.3	☐	MPC4NTR	10			
		0.5	Clear Styrene	96	0.3	☐	MPC4NTR	10			
		0.5	Clear Styrene	96	0.3	☐	MPC4NTR	10			
Polycarbonate Membrane	Plates for Aqueous solubility of organic compounds	MultiScreen® _{HTS} Solubility	0.4	Clear Styrene	96	0.3	☐	MSSLBPC	10 50		
			0.4	Clear Styrene	96	0.3	☐	MSSLBPC	10 50		
			0.4	Clear Styrene	96	0.3	☐	MSSLBPC	10 50		
			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		
			1.0	Clear Styrene	96	0.3	☐	PSRP 004	1 5		
			1.0	Clear Styrene	96	0.3	☐	PSRP 004	1 5		
			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		
			—	Clear Styrene	96	0.3	☐	MSNANLY	10 50		
			—	Clear Styrene	96	0.3	☐	MSNANLY	10 50		
			—	Clear Styrene	96	0.3	☐	MSNANLY	10 50		
	Specialty Membranes	Plates with glass fiber filters	MultiScreen® _{HTS} -FB	FB w/0.65	Opaque Barex®	96	0.3	☐	MSFBN6B	10 50	
						384	0.1	☐	MZFBNOW	10 50	
						96	0.3	☐	MSFCN6B	10 50	
						96	0.3	☐	MZFCN6B	10 50	
MultiScreen® _{HTS} -FC			FC w/0.65	Opaque Barex®	96	0.3	☐	MSFCN6B	10 50		
					384	0.1	☐	MZFCN6B	10 50		
					96	0.3	☐	MSFCN6B	10 50		
					96	0.3	☐	MSFCN6B	10 50		
MultiScreen® _{HTS} -FC		FC	White SAN	96	0.3	☐	MZFCN6B	10 50			
				96	0.3	☐	MZFCN6B	10 50			
				96	0.3	☐	MZFCN6B	10 50			
				96	0.3	☐	MZFCN6B	10 50			
Harvest plates		MultiScreen® High Volume FC	1.20	Opaque Polypropylene	96	2.0	☐	MVFCN12	25		
					96	2.0	☐	MVFCN12	25		
					96	2.0	☐	MVFCN12	25		
					96	2.0	☐	MVFCN12	25		
	MultiScreen® _{HTS} -FB	FB (1.0)	Opaque Barex®	96	0.3	☐	MSFBNXB50	50			
				96	0.3	☐	MAHFB1H	60			
				96	0.3	☐	MAHFC1H	60			
				96	0.3	☐	MAHFC1H	60			
Plates for PCR Cleanup	MultiScreen® PCR96	—	Clear (Purple) Styrene	96	0.1	—	LSKMPCR	10 50			
				96	0.3	—	MSNU030	10 50			
				384	0.1	—	S384PCR	10 50			
				384	0.1	—	S384SEQ	10 50			
Plates for SEQ Cleanup	MultiScreen® SEQ384	—	Clear Styrene	384	0.1	—	S384SEQ	10 50			
				384	0.1	—	S384SEQ	10 50			
				384	0.1	—	S384SEQ	10 50			
				384	0.1	—	S384SEQ	10 50			
Montage® Filter Plates for Plasmid Miniprep	Montage® SEQ96 Cleanup Kit	—	Clear (Blue) Styrene	96	—	—	LSKS096	04 24			
				96	—	—	LSKS096	04 24			
				96	—	—	LSKS096	04 24			
				96	—	—	LSKS096	04 24			