

WHEATON® μ L MicroLiter® PLATE SAMPLING SYSTEM



DURAN
WHEATON
KIMBLE

Excellence in your hands

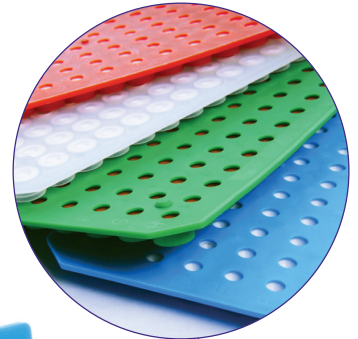
WHAT IS MPSS?

When it comes to high-throughput chromatography, MicroLiter provides the right solution for your work flow. The patented MicroLiter Plate Sampling System™ combines the right microplates, glass inserts, μ Lmat™ and /or caps with chromatography-based septa to provide secure vessels for even the most volatile of samples. The MicroLiter Plate Sampling System provides high-throughput solutions that function the same as standard chromatography vials.

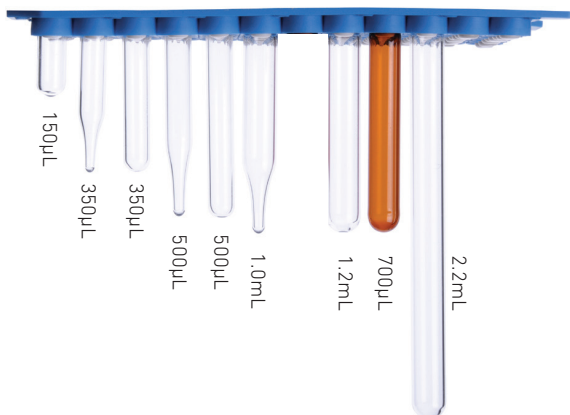
Flanged insert allows mat to be snapped onto each insert, ensuring optimal seal and sample integrity.



A MicroLiter μ Lmat™ is available in four color options: Natural, Blue, Red and Green.



MicroLiter μ Lplate® is available in three different heights: Shallow, Medium and Deep well



Individual snap cap options are also available.



Cap Mat septa options available:
Pre-Cut FEP/Silicone Septa, Pre-Cut/Butyl Septa,
PTFE/Silicone Stopper, PTFE/Silicone Septa,
Pre-Cut PTFE/Silicone Septa

μ Lplate® is protected under US Patent Number RE38312,
Canadian Patent Number 2276736 and European Patent EP 0 976 453.



High-Throughput Chromatography

MicroLiter Plate Sampling System™

- > μ Lmat Vise™ 5
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- > Microplates & Cover Mats 7-10

Syringe Filters & Disposable Syringes

- > Filters & Syringes 11-12

Instrument Compatibility

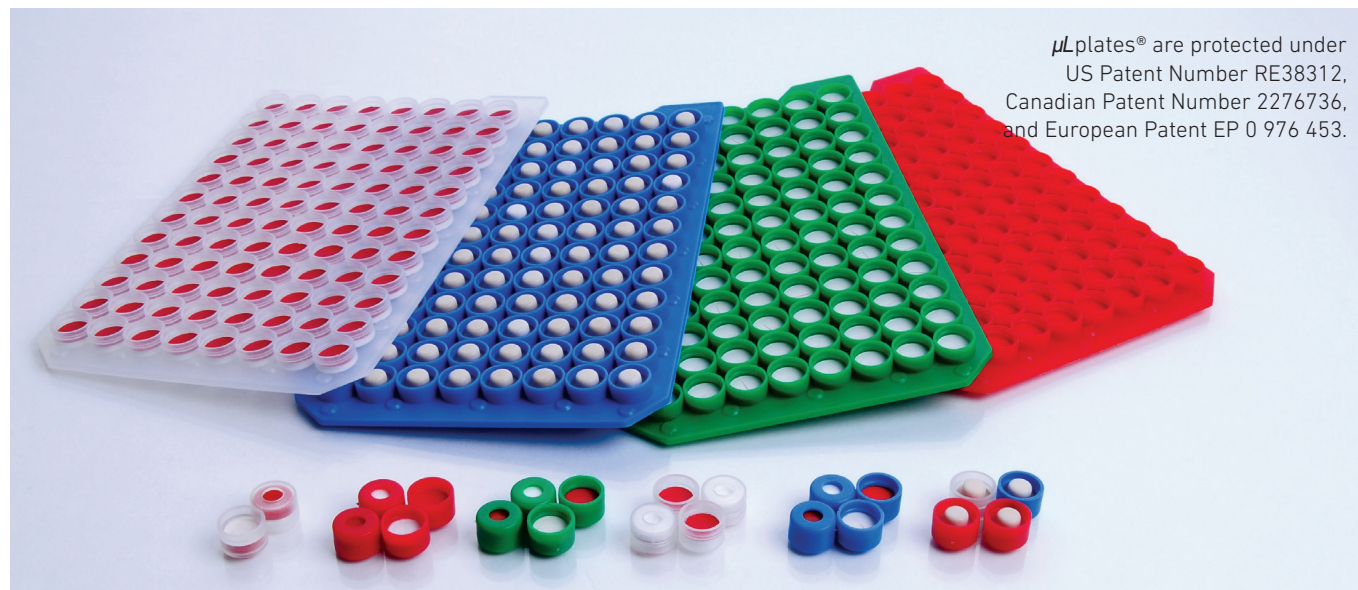
- > CTC Analytics Combi PAL® Direct Inject ●
- > CTC Analytics Headspace PAL® ●
- > CTC Analytics LC PAL® ●
- > CTC Analytics HTC & HTS PAL® ●
- > Agilent ●
- > Alcott / Micromeritics ●
- > AlphaMOS ●
- > Antek ●
- > Beckman ●
- > Dani ●
- > Dionex ●
- > Gerstel ●
- > Gilson ●
- > Hitachi ●
- > Tecan, TomTec & Hamilton ●
- > Teledyne Tekmar ●
- > ThermoScientific ●
- > Shimadzu ●
- > Spark Holland ●
- > PerkinElmer ●
- > Waters ●
- > Varian ●



μLplate® Glass Inserts

Cat. No.	Insert Description	Qty / Pack	Carrier μLplate
07-0000-101	150μL Clear Conical	100 / Pack	07-1200 Shallow
07-0000-101-S	Silanized 150μL Clear Conical	100 / Pack	07-1200 Shallow
07-0000-201	350μL Clear Conical	100 / Pack	07-2000 Medium
07-0000-201-S	Silanized 350μL Clear Conical	100 / Pack	07-2000 Medium
07-0000-250	350uL Clear Round	100 / Pack	07-2000 Medium
07-0000-300	500μL Clear Conical	100 / Pack	07-3900 Deep
07-0000-300-S	Silanized 500μL Clear Conical	100 / Pack	07-3900 Deep
07-0000-350	500uL Clear Round	100 / Pack	07-3900 Deep
07-0000-1000	1.0mL Clear Conical	100 / Pack	07-8400 Deep
07-0000-1000-S	Silanized 1.0mL Clear Conical	100 / Pack	07-8400 Deep
07-0000-1200	1.2mL Clear Round	100 / Pack	07-8000 Deep
07-0000-1200-S	Silanized 1.2mL Clear Round	100 / Pack	07-8000 Deep
07-0000-1202	700μL Amber Round	100 / Pack	07-8400 Deep
07-0000-2200	2.2mL Clear Round	100 / Pack	07-8000 Deep
07-0000-2200-S	Silanized 2.2mL Clear Round	100 / Pack	07-8000 Deep





μLplate® Snap Caps & μLmats™

Description	Qty / Pack	Blue Caps or μLmat™ Cat. No.	Green Caps or μLmat Cat. No.	Natural Caps or μLmat Cat. No.	Red Caps or μLmat Cat. No.
Snap Cap w/ Pre-Cut FEP / Silicone Septa	100	07-0020B	07-0020G	07-0020N	07-0020R
Snap Cap w/ Pre-Cut FEP / Butyl Septa	100	07-0021B	07-0021G	07-0021N	07-0021R
Snap Cap w/ PTFE / Silicone Stopper	100	07-0045B	07-0045G	07-0045N	07-0045R
Snap Cap w/ PTFE / Silicone Septa	100	07-0070B	07-0070G	07-0070N	07-0070R
Snap Cap w/ Pre-Cut PTFE / Silicone Septa	100	07-0075B	07-0075G	07-0075N	07-0075R
μLmat w/ Pre-Cut FEP / Silicone Septa	1	07-0020MB	07-0020MG	07-0020MN	07-0020MR
μLmat w/ Pre-Cut FEP / Butyl Septa	1	07-0021MB	07-0021MG	07-0021MN	07-0021MR
μLmat w/ PTFE / Silicone Stopper	1	07-0045MB	07-0045MG	07-0045MN	07-0045MR
μLmat w/ PTFE / Silicone Septa	1	07-0070MB	07-0070MG	07-0070MN	07-0070MR
μLmat w/ Pre-Cut PTFE / Silicone Septa	1	07-0075MB	07-0075MG	07-0075MN	07-0075MR

μLplates® w/ Glass Inserts Installed



These products are sold as one microplate with 96 inserts installed. Sitanization is available for all glass inserts.

Cat. No.	Insert Description	Carrier μLplate	Cat. No. of Insert Installed
07-1200-101	150μL Clear Conical	07-1200 Shallow Well	07-0000-101
07-2000-201	350μL Clear Conical	07-2000 Medium Well	07-0000-201
07-2000-250	350μL Clear Round	07-2000 Medium Well	07-0000-250
07-3000-300	500μL Clear Conical	07-3900 Deep Well	07-0000-300
07-3000-350	500μL Clear Round	07-3900 Deep Well	07-0000-350
07-8000-1000	1.0mL Clear Conical	07-8400 Deep Well	07-0000-1000
07-8000-1200	1.2mL Clear Round	07-8400 Deep Well	07-0000-1200
07-8000-1202	700μL Amber Round	07-8400 Deep Well	07-0000-1202
07-8000-2200	2.2mL Clear Round	07-8400 Deep Well	07-0000-2200



MicroLiter's Cap Dispenser integrates with our packaging to keep closures clean until needed.

MicroLiter Dispenser

Cat. No.	Qty / Kit
00-DISP	Sold Individually w/ Adapter



Red Caps



Green Caps



Natural Caps



Blue Caps



μLplate® Component Kits

Kits include one pack of 100 of μLplate Inserts and one pack of Snap Caps. Carrier μLplate sold separately on page 12.

Insert Description	Septa Configuration	Required μLplate	Blue Caps Cat. No.	Green Caps Cat. No.	Natural Caps Cat. No.	Red Caps Cat. No.
150μL Clear Conical	Pre-Cut FEP / Silicone Septa	07-1200	07-0020B-101	07-0020G-101	07-0020N-101	07-0020R-101
350μL Clear Conical	Pre-Cut FEP / Silicone Septa	07-2000	07-0020B-201	07-0020G-201	07-0020N-201	07-0020R-201
350μL Clear Round	Pre-Cut FEP / Silicone Septa	07-2000	07-0020B-250	07-0020G-250	07-0020N-250	07-0020R-250
500μL Clear Conical	Pre-Cut FEP / Silicone Septa	07-3900	07-0020B-300	07-0020G-300	07-0020N-300	07-0020R-300
500μL Clear Round	Pre-Cut FEP / Silicone Septa	07-3900	07-0020B-350	07-0020G-350	07-0020N-350	07-0020R-350
1.0mL Clear Conical	Pre-Cut FEP / Silicone Septa	07-8400	07-0020B-1000	07-0020G-1000	07-0020N-1000	07-0020R-1000
1.2mL Clear Round	Pre-Cut FEP / Silicone Septa	07-8000	07-0020B-1200	07-0020G-1200	07-0020N-1200	07-0020R-1200
700μL Amber Round	Pre-Cut FEP / Silicone Septa	07-8400	07-0020B-1202	07-0020G-1202	07-0020N-1202	07-0020R-1202
2.2mL Clear Round	Pre-Cut FEP / Silicone Septa	07-8000	07-0020B-2200	07-0020G-2200	07-0020N-2200	07-0020R-2200
150μL Clear Conical	Pre-Cut FEP / Butyl Septa	07-1200	07-0021B-101	07-0021G-101	07-0021N-101	07-0021R-101
350μL Clear Conical	Pre-Cut FEP / Butyl Septa	07-2000	07-0021B-201	07-0021G-201	07-0021N-201	07-0021R-201
350μL Clear Round	Pre-Cut FEP / Butyl Septa	07-2000	07-0021B-250	07-0021G-250	07-0021N-250	07-0021R-250
500μL Clear Conical	Pre-Cut FEP / Butyl Septa	07-3900	07-0021B-300	07-0021G-300	07-0021N-300	07-0021R-300
500μL Clear Round	Pre-Cut FEP / Butyl Septa	07-3900	07-0021B-350	07-0021G-350	07-0021N-350	07-0021R-350
1.0mL Clear Conical	Pre-Cut FEP / Butyl Septa	07-8400	07-0021B-1000	07-0021G-1000	07-0021N-1000	07-0021R-1000
1.2mL Clear Round	Pre-Cut FEP / Butyl Septa	07-8000	07-0021B-1200	07-0021G-1200	07-0021N-1200	07-0021R-1200
700μL Amber Round	Pre-Cut FEP / Butyl Septa	07-8400	07-0021B-1202	07-0021G-1202	07-0021N-1202	07-0021R-1202
2.2mL Clear Round	Pre-Cut FEP / Butyl Septa	07-8000	07-0021B-2200	07-0021G-2200	07-0021N-2200	07-0021R-2200
150μL Clear Conical	PTFE / Silicone Stopper	07-1200	07-0045B-101	07-0045G-101	07-0045N-101	07-0045R-101
350μL Clear Conical	PTFE / Silicone Stopper	07-2000	07-0045B-201	07-0045G-201	07-0045N-201	07-0045R-201
350μL Clear Round	PTFE / Silicone Stopper	07-2000	07-0045B-250	07-0045G-250	07-0045N-250	07-0045R-250
500μL Clear Conical	PTFE / Silicone Stopper	07-3900	07-0045B-300	07-0045G-300	07-0045N-300	07-0045R-300
500μL Clear Round	PTFE / Silicone Stopper	07-3900	07-0045B-350	07-0045G-350	07-0045N-350	07-0045R-350
1.0mL Clear Conical	PTFE / Silicone Stopper	07-8400	07-0045B-1000	07-0045G-1000	07-0045N-1000	07-0045R-1000
1.2mL Clear Round	PTFE / Silicone Stopper	07-8000	07-0045B-1200	07-0045G-1200	07-0045N-1200	07-0045R-1200
700μL Amber Round	PTFE / Silicone Stopper	07-8400	07-0045B-1202	07-0045G-1202	07-0045N-1202	07-0045R-1202
2.2mL Clear Round	PTFE / Silicone Stopper	07-8000	07-0045B-2200	07-0045G-2200	07-0045N-2200	07-0045R-2200
150μL Clear Conical	PTFE / Silicone Septa	07-1200	07-0070B-101	07-0070G-101	07-0070N-101	07-0070R-101
350μL Clear Conical	PTFE / Silicone Septa	07-2000	07-0070B-201	07-0070G-201	07-0070N-201	07-0070R-201
350μL Clear Round	PTFE / Silicone Septa	07-2000	07-0070B-250	07-0070G-250	07-0070N-250	07-0070R-250
500μL Clear Conical	PTFE / Silicone Septa	07-3900	07-0070B-300	07-0070G-300	07-0070N-300	07-0070R-300
500μL Clear Round	PTFE / Silicone Septa	07-3900	07-0070B-350	07-0070G-350	07-0070N-350	07-0070R-350
1.0mL Clear Conical	PTFE / Silicone Septa	07-8400	07-0070B-1000	07-0070G-1000	07-0070N-1000	07-0070R-1000
1.2mL Clear Round	PTFE / Silicone Septa	07-8000	07-0070B-1200	07-0070G-1200	07-0070N-1200	07-0070R-1200
700μL Amber Round	PTFE / Silicone Septa	07-8400	07-0070B-1202	07-0070G-1202	07-0070N-1202	07-0070R-1202
2.2mL Clear Round	PTFE / Silicone Septa	07-8000	07-0070B-2200	07-0070G-2200	07-0070N-2200	07-0070R-2200
150μL Clear Conical	Pre-Cut PTFE / Silicone Septa	07-1200	07-0075B-101	07-0075G-101	07-0075N-101	07-0075R-101
350μL Clear Conical	Pre-Cut PTFE / Silicone Septa	07-2000	07-0075B-201	07-0075G-201	07-0075N-201	07-0075R-201
350μL Clear Round	Pre-Cut PTFE / Silicone Septa	07-2000	07-0075B-250	07-0075G-250	07-0075N-250	07-0075R-250
500μL Clear Conical	Pre-Cut PTFE / Silicone Septa	07-3900	07-0075B-300	07-0075G-300	07-0075N-300	07-0075R-300
500μL Clear Round	Pre-Cut PTFE / Silicone Septa	07-3900	07-0075B-350	07-0075G-350	07-0075N-350	07-0075R-350
1.0mL Clear Conical	Pre-Cut PTFE / Silicone Septa	07-8400	07-0075B-1000	07-0075G-1000	07-0075N-1000	07-0075R-1000
1.2mL Clear Round	Pre-Cut PTFE / Silicone Septa	07-8000	07-0075B-1200	07-0075G-1200	07-0075N-1200	07-0075R-1200
700μL Amber Round	Pre-Cut PTFE / Silicone Septa	07-8400	07-0075B-1202	07-0075G-1202	07-0075N-1202	07-0075R-1202
2.2mL Clear Round	Pre-Cut PTFE / Silicone Septa	07-8000	07-0075B-2200	07-0075G-2200	07-0075N-2200	07-0075R-2200



One μ Lplate® w/ Inserts Installed & One Pack of Snap Caps w/ Septa

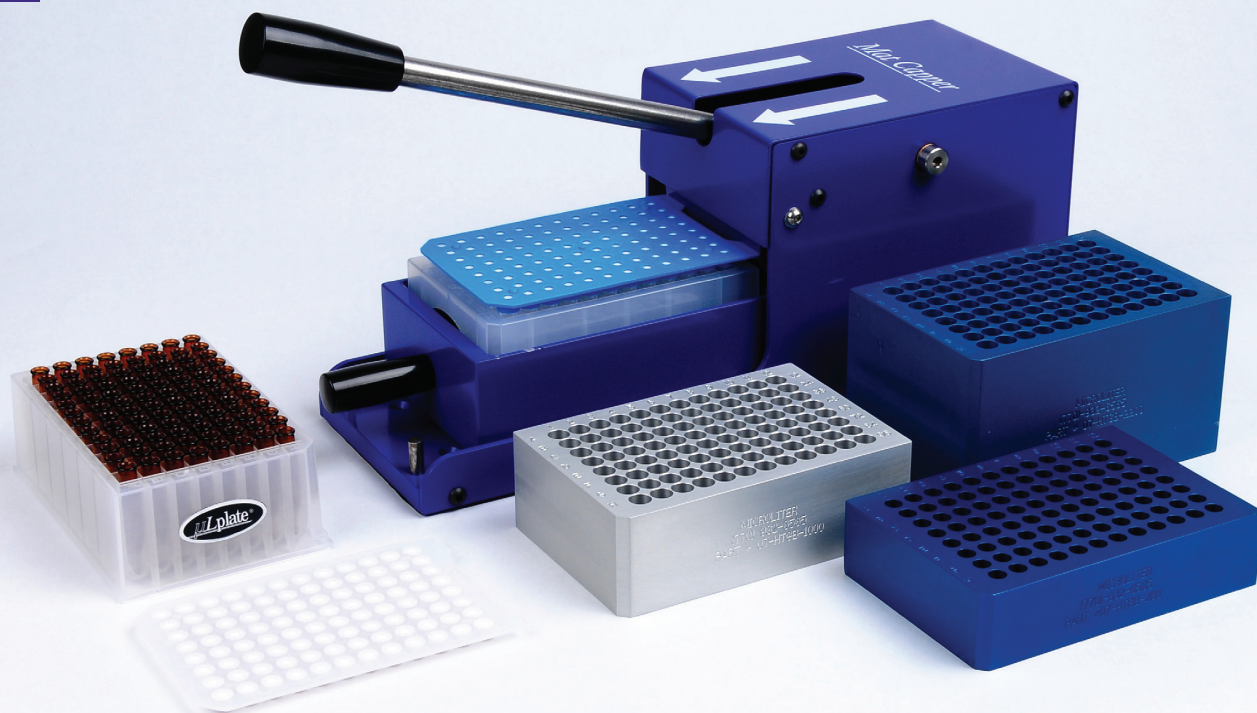
These products ship with inserts installed in a microplate and caps in separate packaging. If you don't use large numbers of microplates with inserts or you want to access certain wells for further work, this package configuration works quite well.

Blue Caps Cat. No.	Green Caps Cat. No.	Natural Caps Cat. No.	Red Caps Cat. No.
07-1220B-101	07-1220G-101	07-1220N-101	07-1220R-101
07-2020B-201	07-2020G-201	07-2020N-201	07-2020R-201
07-2020B-250	07-2020G-250	07-2020N-250	07-2020R-250
07-3020B-300	07-3020G-300	07-3020N-300	07-3020R-300
07-3020B-350	07-3020G-350	07-3020N-350	07-3020R-350
07-8020B-1000	07-8020G-1000	07-8020N-1000	07-8020R-1000
07-8020B-1200	07-8020G-1200	07-8020N-1200	07-8020R-1200
07-8020B-1202	07-8020G-1202	07-8020N-1202	07-8020R-1202
07-8020B-2200	07-8020G-2200	07-8020N-2200	07-8020R-2200
07-1221B-101	07-1221G-101	07-1221N-101	07-1221R-101
07-2021B-201	07-2021G-201	07-2021N-201	07-2021R-201
07-2021B-250	07-2021G-250	07-2021N-250	07-2021R-250
07-3021B-300	07-3021G-300	07-3021N-300	07-3021R-300
07-3021B-350	07-3021G-350	07-3021N-350	07-3021R-350
07-8021B-1000	07-8021G-1000	07-8021N-1000	07-8021R-1000
07-8021B-1200	07-8021G-1200	07-8021N-1200	07-8021R-1200
07-8021B-1202	07-8021G-1202	07-8021N-1202	07-8021R-1202
07-8021B-2200	07-8021G-2200	07-8021N-2200	07-8021R-2200
07-1245B-101	07-1245G-101	07-1245N-101	07-1245R-101
07-2045B-201	07-2045G-201	07-2045N-201	07-2045R-201
07-2045B-250	07-2045G-250	07-2045N-250	07-2045R-250
07-3045B-300	07-3045G-300	07-3045N-300	07-3045R-300
07-3045B-350	07-3045G-350	07-3045N-350	07-3045R-350
07-8045B-1000	07-8045G-1000	07-8045N-1000	07-8045R-1000
07-8045B-1200	07-8045G-1200	07-8045N-1200	07-8045R-1200
07-8045B-1202	07-8045G-1202	07-8045N-1202	07-8045R-1202
07-8045B-2200	07-8045G-2200	07-8045N-2200	07-8045R-2200
07-1270B-101	07-1270G-101	07-1270N-101	07-1270R-101
07-2070B-201	07-2070G-201	07-2070N-201	07-2070R-201
07-2070B-250	07-2070G-250	07-2070N-250	07-2070R-250
07-3070B-300	07-3070G-300	07-3070N-300	07-3070R-300
07-3070B-350	07-3070G-350	07-3070N-350	07-3070R-350
07-8070B-1000	07-8070G-1000	07-8070N-1000	07-8070R-1000
07-8070B-1200	07-8070G-1200	07-8070N-1200	07-8070R-1200
07-8070B-1202	07-8070G-1202	07-8070N-1202	07-8070R-1202
07-8070B-2200	07-8070G-2200	07-8070N-2200	07-8070R-2200
07-1275B-101	07-1275G-101	07-1275N-101	07-1275R-101
07-2075B-201	07-2075G-201	07-2075N-201	07-2075R-201
07-2075B-250	07-2075G-250	07-2075N-250	07-2075R-250
07-3075B-300	07-3075G-300	07-3075N-300	07-3075R-300
07-3075B-350	07-3075G-350	07-3075N-350	07-3075R-350
07-8075B-1000	07-8075G-1000	07-8075N-1000	07-8075R-1000
07-8075B-1200	07-8075G-1200	07-8075N-1200	07-8075R-1200
07-8075B-1202	07-8075G-1202	07-8075N-1202	07-8075R-1202
07-8075B-2200	07-8075G-2200	07-8075N-2200	07-8075R-2200



One μ Lplate® w/ Caps w/ Septa Installed on Inserts

Blue Caps Cat. No.	Green Caps Cat. No.	Natural Caps Cat. No.	Red Caps Cat. No.
07-1220B-101-A	07-1220G-101-A	07-1220N-101-A	07-1220R-101-A
07-2020B-201-A	07-2020G-201-A	07-2020N-201-A	07-2020R-201-A
07-2020B-250-A	07-2020G-250-A	07-2020N-250-A	07-2020R-250-A
07-3020B-300-A	07-3020G-300-A	07-3020N-300-A	07-3020R-300-A
07-3020B-350-A	07-3020G-350-A	07-3020N-350-A	07-3020R-350-A
07-8020B-1000-A	07-8020G-1000-A	07-8020N-1000-A	07-8020R-1000-A
07-8020B-1200-A	07-8020G-1200-A	07-8020N-1200-A	07-8020R-1200-A
07-8020B-1202-A	07-8020G-1202-A	07-8020N-1202-A	07-8020R-1202-A
07-8020B-2200-A	07-8020G-2200-A	07-8020N-2200-A	07-8020R-2200-A
07-1221B-101-A	07-1221G-101-A	07-1221N-101-A	07-1221R-101-A
07-2021B-201-A	07-2021G-201-A	07-2021N-201-A	07-2021R-201-A
07-2021B-250-A	07-2021G-250-A	07-2021N-250-A	07-2021R-250-A
07-3021B-300-A	07-3021G-300-A	07-3021N-300-A	07-3021R-300-A
07-3021B-350-A	07-3021G-350-A	07-3021N-350-A	07-3021R-350-A
07-8021B-1000-A	07-8021G-1000-A	07-8021N-1000-A	07-8021R-1000-A
07-8021B-1200-A	07-8021G-1200-A	07-8021N-1200-A	07-8021R-1200-A
07-8021B-1202-A	07-8021G-1202-A	07-8021N-1202-A	07-8021R-1202-A
07-8021B-2200-A	07-8021G-2200-A	07-8021N-2200-A	07-8021R-2200-A
07-1245B-101-A	07-1245G-101-A	07-1245N-101-A	07-1245R-101-A
07-2045B-201-A	07-2045G-201-A	07-2045N-201-A	07-2045R-201-A
07-2045B-250-A	07-2045G-250-A	07-2045N-250-A	07-2045R-250-A
07-3045B-300-A	07-3045G-300-A	07-3045N-300-A	07-3045R-300-A
07-3045B-350-A	07-3045G-350-A	07-3045N-350-A	07-3045R-350-A
07-8045B-1000-A	07-8045G-1000-A	07-8045N-1000-A	07-8045R-1000-A
07-8045B-1200-A	07-8045G-1200-A	07-8045N-1200-A	07-8045R-1200-A
07-8045B-1202-A	07-8045G-1202-A	07-8045N-1202-A	07-8045R-1202-A
07-8045B-2200-A	07-8045G-2200-A	07-8045N-2200-A	07-8045R-2200-A
07-1270B-101-A	07-1270G-101-A	07-1270N-101-A	07-1270R-101-A
07-2070B-201-A	07-2070G-201-A	07-2070N-201-A	07-2070R-201-A
07-2070B-250-A	07-2070G-250-A	07-2070N-250-A	07-2070R-250-A
07-3070B-300-A	07-3070G-300-A	07-3070N-300-A	07-3070R-300-A
07-3070B-350-A	07-3070G-350-A	07-3070N-350-A	07-3070R-350-A
07-8070B-1000-A	07-8070G-1000-A	07-8070N-1000-A	07-8070R-1000-A
07-8070B-1200-A	07-8070G-1200-A	07-8070N-1200-A	07-8070R-1200-A
07-8070B-1202-A	07-8070G-1202-A	07-8070N-1202-A	07-8070R-1202-A
07-8070B-2200-A	07-8070G-2200-A	07-8070N-2200-A	07-8070R-2200-A
07-1275B-101-A	07-1275G-101-A	07-1275N-101-A	07-1275R-101-A
07-2075B-201-A	07-2075G-201-A	07-2075N-201-A	07-2075R-201-A
07-2075B-250-A	07-2075G-250-A	07-2075N-250-A	07-2075R-250-A
07-3075B-300-A	07-3075G-300-A	07-3075N-300-A	07-3075R-300-A
07-3075B-350-A	07-3075G-350-A	07-3075N-350-A	07-3075R-350-A
07-8075B-1000-A	07-8075G-1000-A	07-8075N-1000-A	07-8075R-1000-A
07-8075B-1200-A	07-8075G-1200-A	07-8075N-1200-A	07-8075R-1200-A
07-8075B-1202-A	07-8075G-1202-A	07-8075N-1202-A	07-8075R-1202-A
07-8075B-2200-A	07-8075G-2200-A	07-8075N-2200-A	07-8075R-2200-A



MicroLiter Plate Sampling System™ Designed for Your Process Flow Requirements

MicroLiter Plate Sampling System™ Accessories

- Aluminum Heating Blocks concentrate heat for superior well-to-well consistency
- μ Lmat Vise™ with available configurations for standard and extended height μ Lplates®
- VELCRO® brand straps for pressure sensitive process flows

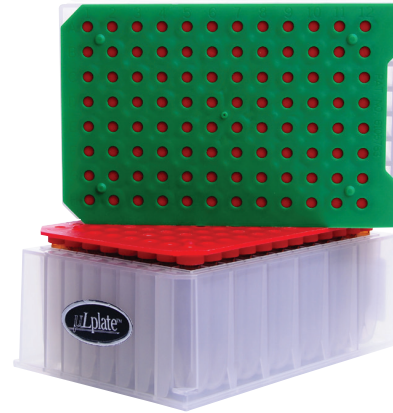
Cat. No.	Description	Qty / Pack
Heating Blocks		
07-HTGB-100	Aluminum Heating Block for 150 μ L Inserts	1
07-HTGB-300	Aluminum Heating Block for 500 μ L Inserts in LEAP Three Drawer Peltier Cooling Stack	1
07-HTGB-301	Aluminum Heating Block for 500 μ L Inserts	1
07-HTGB-1000	Aluminum Heating Block for 1.0mL & 1.2mL Inserts	1
07-HTGB-2200	Aluminum Heating Block for 2.2mL Inserts	1
Heating Rack		
07-HTGB-150	Aluminum Heating Rack for 150 μ L Inserts	1
μLmat Vise™		
07-0000-C	μ Lmat Vise, Caps Both Shallow & Deep Well	1
07-0000-CT	Taller μ Lmat Vise for 07-0000-2200-Series μ Lplate	1
VELCRO® Brand Straps for High Temp Applications		
07-0000-VS	VELCRO® Brand Straps	2



VELCRO® Brand Straps

MicroLITER Plate Sample System™ Convenience Kits

Convenience kits include μ Lmat™, glass inserts and 96-well μ Lplate® as one convenient catalog number. Inserts are available in a variety of volumes, with conical or round bottom and in clear or amber Type 1 borosilicate glass. μ Lmat™s are conveniently available in 5 formats, including pre-cut and standard. The available μ Lmat Vise™ ensures a secure seal and allows for inserts to be transferred in bulk.



MicroLITER Plate Sampling System™ of μ Lmats™ & Glass Inserts in 96-Well μ Lplates®

These products ship with inserts installed in a microplate and a detached μ Lmat.

Insert Description	Septa Configuration	μ Lplate	Blue μ Lmat Cat. No.	Green μ Lmat Cat. No.	Natural μ Lmat Cat. No.	Red μ Lmat Cat. No.
150 μ L Clear Conical	Pre-Cut FEP / Silicone	Shallow	07-1220MB-101	07-1220MG-101	07-1220MN-101	07-1220MR-101
350 μ L Clear Conical	Pre-Cut FEP / Silicone	Medium	07-2020MB-201	07-2020MG-201	07-2020MN-201	07-2020MR-201
350 μ L Clear Round	Pre-Cut FEP / Silicone	Medium	07-2020MB-250	07-2020MG-250	07-2020MN-250	07-2020MR-250
500 μ L Clear Conical	Pre-Cut FEP / Silicone	Deep	07-3020MB-300	07-3020MG-300	07-3020MN-300	07-3020MR-300
500 μ L Clear Round	Pre-Cut FEP / Silicone	Deep	07-3020MB-350	07-3020MG-350	07-3020MN-350	07-3020MR-350
1.0mL Clear Conical	Pre-Cut FEP / Silicone	Deep	07-8020MB-1000	07-8020MG-1000	07-8020MN-1000	07-8020MR-1000
1.2mL Clear Round	Pre-Cut FEP / Silicone	Deep	07-8020MB-1200	07-8020MG-1200	07-8020MN-1200	07-8020MR-1200
700 μ L Amber Round	Pre-Cut FEP / Silicone	Deep	07-8020MB-1202	07-8020MG-1202	07-8020MN-1202	07-8020MR-1202
2.2mL Clear Round	Pre-Cut FEP / Silicone	Deep	07-8020MB-2200	07-8020MG-2200	07-8020MN-2200	07-8020MR-2200
150 μ L Clear Conical	Pre-Cut FEP / Butyl	Shallow	07-1221MB-101	07-1221MG-101	07-1221MN-101	07-1221MR-101
350 μ L Clear Conical	Pre-Cut FEP / Butyl	Medium	07-2021MB-201	07-2021MG-201	07-2021MN-201	07-2021MR-201
350 μ L Clear Round	Pre-Cut FEP / Butyl	Medium	07-2021MB-250	07-2021MG-250	07-2021MN-250	07-2021MR-250
500 μ L Clear Conical	Pre-Cut FEP / Butyl	Deep	07-3021MB-300	07-3021MG-300	07-3021MN-300	07-3021MR-300
500 μ L Clear Round	Pre-Cut FEP / Butyl	Deep	07-3021MB-350	07-3021MG-350	07-3021MN-350	07-3021MR-350
1.0mL Clear Conical	Pre-Cut FEP / Butyl	Deep	07-8021MB-1000	07-8021MG-1000	07-8021MN-1000	07-8021MR-1000
1.2mL Clear Round	Pre-Cut FEP / Butyl	Deep	07-8021MB-1200	07-8021MG-1200	07-8021MN-1200	07-8021MR-1200
700 μ L Amber Round	Pre-Cut FEP / Butyl	Deep	07-8021MB-1202	07-8021MG-1202	07-8021MN-1202	07-8021MR-1202
2.2mL Clear Round	Pre-Cut FEP / Butyl	Deep	07-8021MB-2200	07-8021MG-2200	07-8021MN-2200	07-8021MR-2200
150 μ L Clear Conical	PTFE / Silicone Stopper	Shallow	07-1245MB-101	07-1245MG-101	07-1245MN-101	07-1245MR-101
350 μ L Clear Conical	PTFE / Silicone Stopper	Medium	07-2045MB-201	07-2045MG-201	07-2045MN-201	07-2045MR-201
350 μ L Clear Round	PTFE / Silicone Stopper	Medium	07-2045MB-250	07-2045MG-250	07-2045MN-250	07-2045MR-250
500 μ L Clear Conical	PTFE / Silicone Stopper	Deep	07-3045MB-300	07-3045MG-300	07-3045MN-300	07-3045MR-300
500 μ L Clear Round	PTFE / Silicone Stopper	Deep	07-3045MB-350	07-3045MG-350	07-3045MN-350	07-3045MR-350
1.0mL Clear Conical	PTFE / Silicone Stopper	Deep	07-8045MB-1000	07-8045MG-1000	07-8045MN-1000	07-8045MR-1000
1.2mL Clear Round	PTFE / Silicone Stopper	Deep	07-8045MB-1200	07-8045MG-1200	07-8045MN-1200	07-8045MR-1200
700 μ L Amber Round	PTFE / Silicone Stopper	Deep	07-8045MB-1202	07-8045MG-1202	07-8045MN-1202	07-8045MR-1202
2.2mL Clear Round	PTFE / Silicone Stopper	Deep	07-8045MB-2200	07-8045MG-2200	07-8045MN-2200	07-8045MR-2200
150 μ L Clear Conical	PTFE / Silicone Septa	Shallow	07-1270MB-101	07-1270MG-101	07-1270MN-101	07-1270MR-101
350 μ L Clear Conical	PTFE / Silicone Septa	Medium	07-2070MB-201	07-2070MG-201	07-2070MN-201	07-2070MR-201
350 μ L Clear Round	PTFE / Silicone Septa	Medium	07-2070MB-250	07-2070MG-250	07-2070MN-250	07-2070MR-250
500 μ L Clear Conical	PTFE / Silicone Septa	Deep	07-3070MB-300	07-3070MG-300	07-3070MN-300	07-3070MR-300
500 μ L Clear Round	PTFE / Silicone Septa	Deep	07-3070MB-350	07-3070MG-350	07-3070MN-350	07-3070MR-350
1.0mL Clear Conical	PTFE / Silicone Septa	Deep	07-8070MB-1000	07-8070MG-1000	07-8070MN-1000	07-8070MR-1000
1.2mL Clear Round	PTFE / Silicone Septa	Deep	07-8070MB-1200	07-8070MG-1200	07-8070MN-1200	07-8070MR-1200
700 μ L Amber Round	PTFE / Silicone Septa	Deep	07-8070MB-1202	07-8070MG-1202	07-8070MN-1202	07-8070MR-1202
2.2mL Clear Round	PTFE / Silicone Septa	Deep	07-8070MB-2200	07-8070MG-2200	07-8070MN-2200	07-8070MR-2200
150 μ L Clear Conical	Pre-Cut PTFE / Silicone	Shallow	07-1275MB-101	07-1275MG-101	07-1275MN-101	07-1275MR-101
350 μ L Clear Conical	Pre-Cut PTFE / Silicone	Medium	07-2075MB-201	07-2075MG-201	07-2075MN-201	07-2075MR-201
350 μ L Clear Round	Pre-Cut PTFE / Silicone	Medium	07-2075MB-250	07-2075MG-250	07-2075MN-250	07-2075MR-250
500 μ L Clear Conical	Pre-Cut PTFE / Silicone	Deep	07-3075MB-300	07-3075MG-300	07-3075MN-300	07-3075MR-300
500 μ L Clear Round	Pre-Cut PTFE / Silicone	Deep	07-3075MB-350	07-3075MG-350	07-3075MN-350	07-3075MR-350
1.0mL Clear Conical	Pre-Cut PTFE / Silicone	Deep	07-8075MB-1000	07-8075MG-1000	07-8075MN-1000	07-8075MR-1000
1.2mL Clear Round	Pre-Cut PTFE / Silicone	Deep	07-8075MB-1200	07-8075MG-1200	07-8075MN-1200	07-8075MR-1200
700 μ L Amber Round	Pre-Cut PTFE / Silicone	Deep	07-8075MB-1202	07-8075MG-1202	07-8075MN-1202	07-8075MR-1202
2.2mL Clear Round	Pre-Cut PTFE / Silicone	Deep	07-8075MB-2200	07-8075MG-2200	07-8075MN-2200	07-8075MR-2200



Make the Switch to MicroLiter's Proprietary 96-Well μ Lplates® and Mats

MicroLiter Offers Four Profiles in Natural Polypropylene 96-Well Microplates, Six Ethylene Vinyl Acetate and PTFE-Coated Silicone Piercible μ Lmats™

MicroLiter's proprietary 96-well square and round well microplates are made of polypropylene and available in a variety of volumes. MicroLiter's microplates are manufactured to ANSI specifications for 96-well microplates to guarantee a smooth integration into your automated work flow.

Round and square well covers are available as piercible, standard and pre-cut. Covers manufactured of Ethylene Vinyl Acetate (EVA) are piercible by standard needle configurations and have a superior seal to similar products. For those needing resealability, the available silicone mats with a sprayed-on PTFE barrier are available as standard or pre-cut.

μ Lplate® 96-Well Polypropylene Microplates

Cat. No.	Description	Qty
07-2000	500 μ L Round Well / Round Bottom, Medium Well	1
07-3900	1.3mL Round Well / Round Bottom, Deep Well	1
07-7400	2.0mL Square Well / Conical Bottom, Deep Well	1
07-8400	2.0mL Square Well / Round Bottom, Deep Well	1

μ Lplate® Covers for 96-Well Polypropylene Microplates

Cat. No.	Description	Qty
07-0011N	Cover for Round Well μ Lplates, EVA	1
07-0017N	Cover for Square Well μ Lplates, EVA	1
07-0061N	Silicone with Sprayed-On PTFE Cover for Square Well μ Lplates, Pre-Cut	1
07-0065N	Silicone with Sprayed-On PTFE Cover for Round Well μ Lplates	1
07-0066N	Silicone with Sprayed-On PTFE Cover for Round Well μ Lplates, Pre-Cut, Thin	1
07-0067N	Silicone with Sprayed-On PTFE Cover for Square Well μ Lplates, Thin	1

μLplate® Component Kits, Polypropylene Plates & Covers

Kits include one μLplate and cover.

Cat. No.	Cover Description	Qty / Kit
07-1000, 350μL, Shallow, Round Well / Flat Bottom		
07-1010N	07-0010N Cover	1
07-1011N	07-0011N Piercible Cover	1
07-1063N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-1065N	07-0065N PTFE / Silicone Piercible Cover	1
07-1066N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

07-1100, 350μL, Shallow, Round Well / Round Bottom		
07-1110N	07-0010N Cover	1
07-1111N	07-0011N Piercible Cover	1
07-1163N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-1165N	07-0065N PTFE / Silicone Piercible Cover	1
07-1166N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

07-1200, 350μL, Shallow, Round Well / Conical Bottom		
07-1210N	07-0010N Cover	1
07-1211N	07-0011N Piercible Cover	1
07-1263N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-1265N	07-0065N PTFE / Silicone Piercible Cover	1
07-1266N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

07-2000, 500μL, Medium, Round Well / Round Bottom		
07-2010N	07-0010N Cover	1
07-2011N	07-0011N Piercible Cover	1
07-2063N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-2065N	07-0065N PTFE / Silicone Piercible Cover	1
07-2066N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

07-2100, 500μL, Medium, Round Well / Round Bottom		
07-2110N	07-0010N Cover	1
07-2111N	07-0011N Piercible Cover	1
07-2163N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-2165N	07-0065N PTFE / Silicone Piercible Cover	1
07-2166N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

07-3000, 1.3mL, Deep, Round Well / Round Bottom		
07-3010N	07-0010N Cover	1
07-3011N	07-0011N Piercible Cover	1
07-3063N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-3065N	07-0065N PTFE / Silicone Piercible Cover	1
07-3066N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

07-3900, 1.3mL, Deep, Round Well / Round Bottom		
07-3910N	07-0010N Cover	1
07-3911N	07-0011N Piercible Cover	1
07-3963N	07-0063N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-3965N	07-0065N PTFE / Silicone Piercible Cover	1
07-3966N	07-0066N PTFE / Silicone Piercible Cover, Pre-Cut, Thin	1

Cat. No.	Cover Description	Qty / Kit
07-5000, 350μL, Deep, Square Well / Conical Bottom		
07-5015N	07-0015N Piercible Cover	1
07-5017N	07-0017N Piercible Cover	1
07-5060N	07-0060N PTFE / Silicone Piercible Cover	1
07-5061N	07-0061N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-5067N	07-0067N PTFE / Silicone Piercible Cover, Thin	1

07-6000, 1.0mL, Deep, Square Well / Conical Bottom		
07-6015N	07-0015N Piercible Cover	1
07-6017N	07-0017N Piercible Cover	1
07-6060N	07-0060N PTFE / Silicone Piercible Cover	1
07-6061N	07-0061N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-6067N	07-0067N PTFE / Silicone Piercible Cover, Thin	1

07-7000, 2.0mL, Deep, Square Well / Conical Bottom		
07-7015N	07-0015N Piercible Cover	1
07-7017N	07-0017N Piercible Cover	1
07-7060N	07-0060N PTFE / Silicone Piercible Cover	1
07-7061N	07-0061N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-7067N	07-0067N PTFE / Silicone Piercible Cover, Thin	1

07-7400, 2.0mL, Deep, Square Well / Conical Bottom		
07-7415N	07-0015N Piercible Cover	1
07-7417N	07-0017N Piercible Cover	1
07-7460N	07-0060N PTFE / Silicone Piercible Cover	1
07-7461N	07-0061N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-7467N	07-0067N PTFE / Silicone Piercible Cover, Thin	1

07-8000, 2.0mL, Deep, Square Well / Round Bottom		
07-8015N	07-0015N Piercible Cover	1
07-8017N	07-0017N Piercible Cover	1
07-8060N	07-0060N PTFE / Silicone Piercible Cover	1
07-8061N	07-0061N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-8067N	07-0067N PTFE / Silicone Piercible Cover, Thin	1

07-8400, 2.0mL, Deep, Square Well / Round Bottom		
07-8415N	07-0015N Piercible Cover	1
07-8417N	07-0017N Piercible Cover	1
07-8460N	07-0060N PTFE / Silicone Piercible Cover	1
07-8461N	07-0061N PTFE / Silicone Piercible Cover, Pre-Cut	1
07-8467N	07-0067N PTFE / Silicone Piercible Cover, Thin	1



μLplates® with Covers Under One Product Number

Comprehensive Listings of Polypropylene 96-Well μ Lplates® & Piercible Mats

MicroLiter offers a comprehensive line of polypropylene microplates with piercible covers, providing secure sample containment throughout the analytical sample run. Providing the format you require for your work flow, microplates are offered in both round and square well formats with volumes ranging from 350 μ L to 2.0mL and with round or conical bottoms.

MicroLiter offers two mat solutions, an EVA mat that stabilizes the sample yet is piercible and a silicone mat that has resealing qualities similar to standard autosampler vial septa. Square well mats will fit any square well microplate while round well mats will fit any round well microplate.

μ Lplate® Covers for 96-Well Microplates

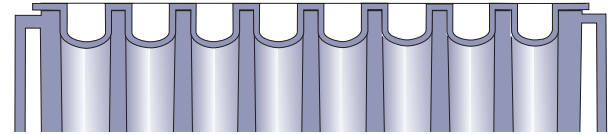
Cat. No.	Description	Qty
07-0010N	Cover for Round Well μ Lplates, EVA	1
07-0011N	Piercible Cover for All Round Well μ Lplates, EVA	1
07-0015N	Piercible Cover for All Square Well μ Lplates, EVA	1
07-0017N	Piercible Cover for All Square Well μ Lplates, EVA	1
07-0060N	Silicone Mat w/ Sprayed-On PTFE Barrier Square Well	1
07-0061N	Silicone Mat w/ Sprayed-On PTFE Barrier, Square Well, Pre-Cut	1
07-0061Y	Yellow Silicone Mat w/ Sprayed-On PTFE Barrier, Square Well, Pre-Cut	1
07-0063N	Silicone Mat w/ Sprayed-On PTFE Barrier, Round Well, Pre-Cut	1
07-0065N	Silicone Mat w/ Sprayed-On PTFE Barrier, Round Well	1
07-0066N	Silicone Mat w/ Sprayed-On PTFE Barrier, Round Well, Pre-Cut, Thin	1
07-0066N-B	Silicone Mat w/ Sprayed-On PTFE Barrier, Round Well, Pre-Cut, Bulk	10
07-0067N	Silicone Mat w/ Sprayed-On PTFE Barrier, Square Well, Thin	1

Shallow & Medium μ Lplates®, Polypropylene

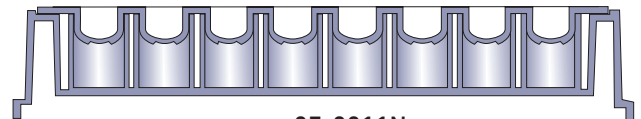
Cat. No.	Description	Qty
07-1000	350 μ L, Polypropylene, Shallow, Round Well / Flat Bottom	1
07-1100	350 μ L, Polypropylene, Shallow, Round Well / Round Bottom	1
07-1200	350 μ L, Polypropylene, Shallow, Round Well / Conical Bottom	1
07-2000	500 μ L, Polypropylene, Medium, Round Well / Round Bottom	1
07-2100	500 μ L, Polypropylene, Medium, Round Well / Round Bottom	1
07-2100-B	500 μ L, PP, Medium, Round Well / Round Bottom, Bulk	10

Deep μ Lplates®, Polypropylene

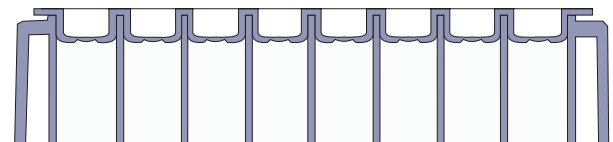
Cat. No.	Description	Qty
07-3000	1.3mL, Polypropylene, Deep, Round Well / Round Bottom	1
07-3900	1.3mL, Polypropylene, Deep, Round Well / Round Bottom	1
07-5000	350 μ L, Polypropylene, Deep, Square Well / Conical Bottom	1
07-6000	1.0mL, Polypropylene, Deep, Square Well / Conical Bottom	1
07-7000	2.0mL, Polypropylene, Deep, Square Well / Conical Bottom	1
07-7400	2.0mL, Polypropylene, Deep, Square Well / Conical Bottom	1
07-8000	2.0mL, Polypropylene, Deep, Square Well / Round Bottom	1
07-8400	2.0mL, Polypropylene, Deep, Square Well / Round Bottom	1



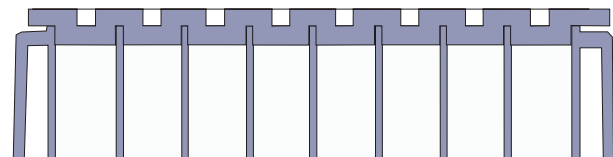
07-0010N



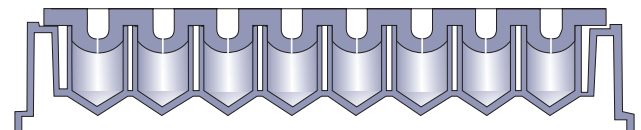
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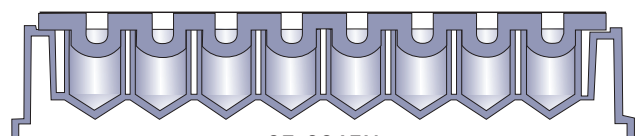
07-0015N & 07-0017N



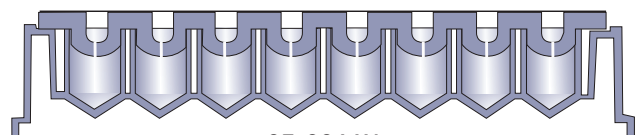
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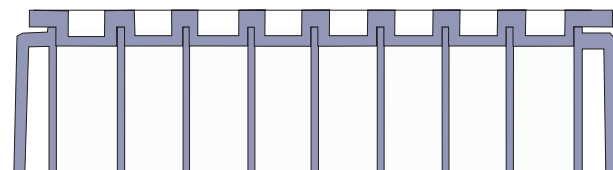
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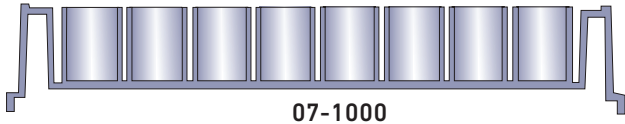
07-0065N



07-0066N



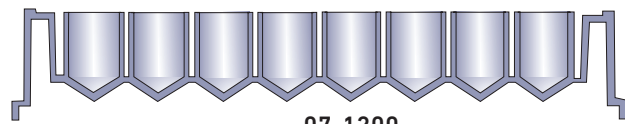
07-0067N



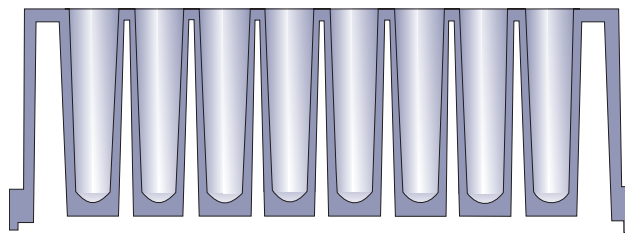
07-1000



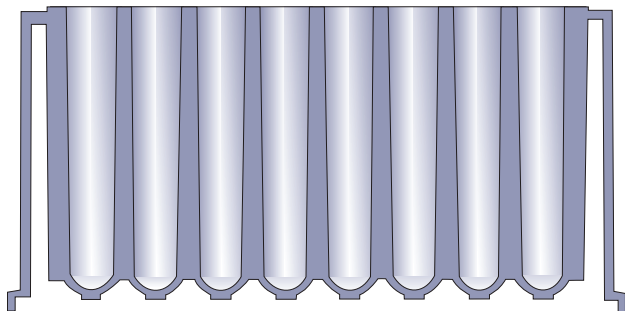
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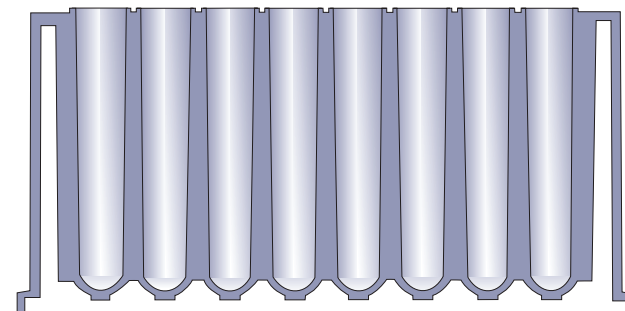
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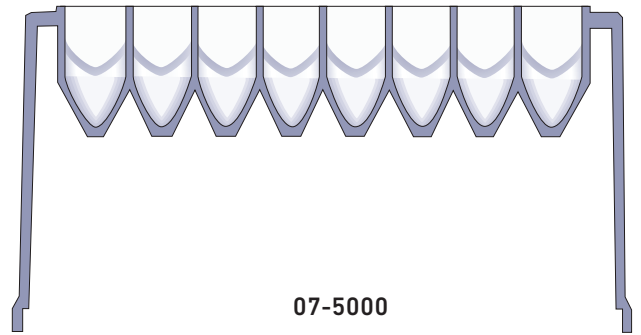
07-2000 & 07-2100



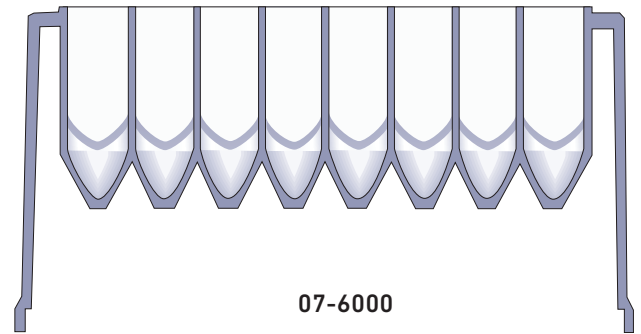
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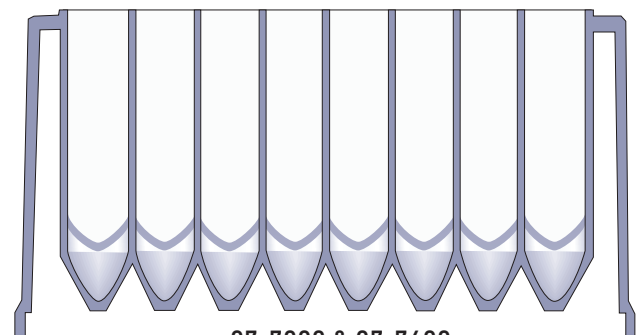
07-3900



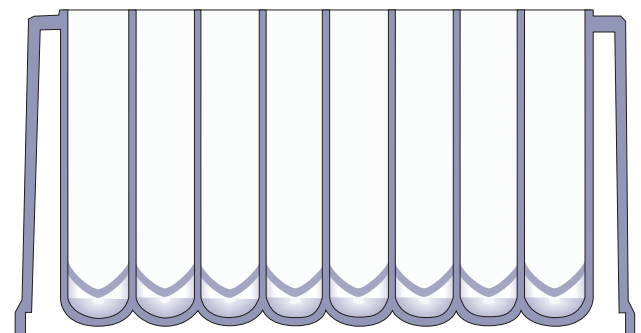
07-5000



07-6000



07-7000 & 07-7400



07-8000 & 07-8400



Syringe Filters & Disposable Syringes

Filtration of samples prior to injection can improve the results of your analysis and extend the life of your column. MicroLiter's syringe filters are manufactured with the most advanced construction methods and design features available today.

A variety of media types and pore sizes are available. Housings are polypropylene, solvent resistant and clearly marked for media and pore size. All packaging is marked with lot numbers for complete traceability. Glass Fiber prefilters (1 μ m) are available to extend filter media life from three to seven times the normal usage.



30mm Syringe Filters



F30-2020

Cat. No.	Media	Pore Size	Qty / Pack
F30-1020	PTFE	0.20µm	100
F30-1045	PTFE	0.45µm	100
F30-2020	Nylon	0.20µm	100
F30-2045	Nylon	0.45µm	100

30mm w/ 1µm Glass Fiber Prefilter



F30-2045-1GF

Cat. No.	Media	Pore Size	Qty / Pack
F30-2020-1GF	Nylon	0.20µm	100
F30-2045-1GF	Nylon	0.45µm	100

25mm Syringe Filters



F25-1020

F25-1045

F25-2020

F25-2045

F25-4045

Cat. No.	Media	Pore Size	Qty / Pack
F25-1020	PTFE	0.20µm	100
F25-1045	PTFE	0.45µm	100
F25-2020	Nylon	0.20µm	100
F25-2045	Nylon	0.45µm	100
F25-4045	PVDF	0.45µm	100

25mm w/ 1µm Glass Fiber Prefilter



F25-2020-1GF

Cat. No.	Media	Pore Size	Qty / Pack
F25-2020-1GF	Nylon	0.20µm	100
F25-2045-1GF	Nylon	0.45µm	100

17mm Syringe Filters



F17-2045

Cat. No.	Media	Pore Size	Qty / Pack
F17-2045	Nylon	0.45µm	100

17mm Syringe Filters w/ 1µm Glass Fiber Prefilter



F17-2020-1GF

Cat. No.	Media	Pore Size	Qty / Pack
F17-2020-1GF	Nylon	0.20µm	100
F17-2045-1GF	Nylon	0.45µm	100

13mm Syringe Filters



F13-4045

Cat. No.	Media	Pore Size	Qty / Pack
F13-1045	PTFE	0.45µm	100
F13-2020	Nylon	0.20µm	100
F13-2045	Nylon	0.45µm	100
F13-4045	PVDF	0.45µm	100

13mm Syringe Filters w/ 1µm Glass Fiber Prefilter



F13-2020-1GF

F13-2045-1GF

Cat. No.	Media	Pore Size	Qty / Pack
F13-1020-1GF	PTFE	0.20µm	100
F13-2020-1GF	Nylon	0.20µm	100
F13-2045-1GF	Nylon	0.45µm	100

Disposable Syringes w/ Polyethylene Plungers



F5-A3



F5-AL30

Cat. No.	Description	Qty / Pack
F5-A1	1.0mL Tuberculin	100
F5-A3	3.0mL Luer Slip Cen	100
F5-A5	5.0mL Luer Slip Cen	100
F5-A10	10mL Luer Slip Cen	100
F5-A20	20mL Luer Slip Cen	100
F5-A30	30mL Luer Slip Cen	50
F5-A50	50mL Luer Slip Cen	30
F5-AL3	3.0mL Luer Lock	100
F5-AL5	5.0mL Luer Lock	100
F5-AL10	10mL Luer Lock	100
F5-AL20	20mL Luer Lock	100
F5-AL30	30mL Luer Lock	50
F5-AL50	50mL Luer Lock	30