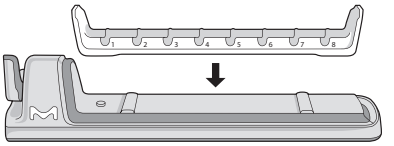
Millipore®

Quick-Start Guide

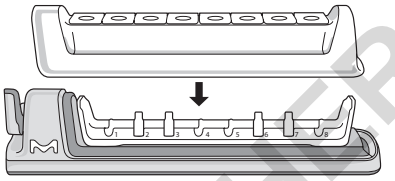
Samplicity® G2 Filtration System for use with Millex Samplicity® or Millex® Filters*

* All instances of Millex® filters cited in this Quick-Start Guide refer to Millex® filters for the Samplicity® G2 System, which are sold with adapter funnels. **Before using the Samplicity® G2 Filtration System, please read the full length user guide, available at www.millipore.com/samplicity.**

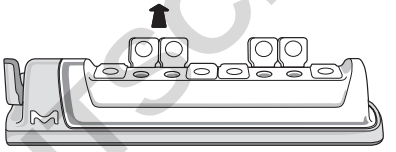
1. With system handle in the OFF position, attach quick disconnect end of tubing to system and other end to vacuum source. Place vial tray on system base with tray numbers facing forward.



2. Place one to eight uncapped 12 × 32 mm vials in the vial tray and place lid over vials.



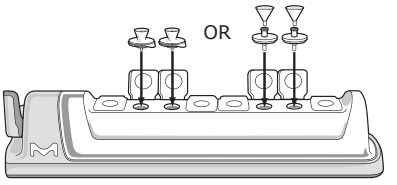
3. Open doors directly above the positions where vials have been installed. Close doors above empty positions.



4. For Millex Samplicity® filters, place one to eight filters over the openings, with the M logos facing forward. Filters can be separated from the strip by twisting them at the perforations. Ensure that filters are properly aligned with vials.

OR

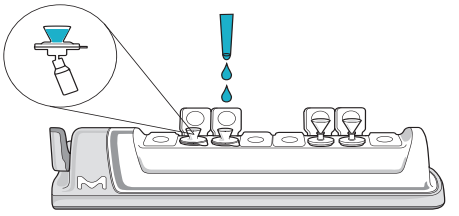
For Millex® filters, place one to eight filters over the openings, pressing down firmly to ensure proper sealing. Attach the provided funnels to the filters. Ensure that filters are properly aligned with vials.



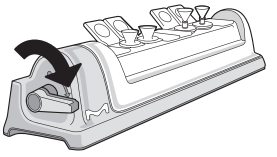
5. For Millex Samplicity® filters, add **0.3–1.7 mL** of sample to filters. To avoid air-locking the filter, pipette the sample directly into the center of the funnel, not down the side.

OR

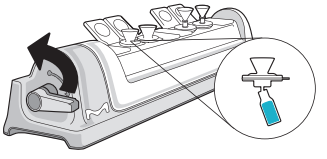
For Millex® filters, add **0.4–1.7 mL** of sample to funnels, filling funnels for all samples that need to be filtered at the same time.



6. Turn vacuum on at the source, then rotate system handle forward. Vacuum will pull samples through the filters and into the vials.



7. When all filters are empty, rotate the system handle up and wait for the vacuum pressure to release (approximately 10 seconds). Remove filters and discard, then remove lid to access sample vials.

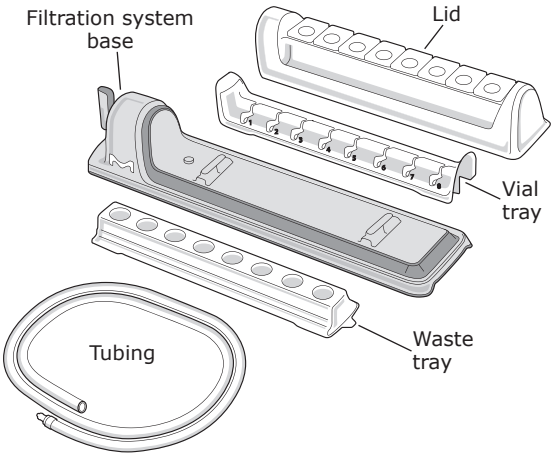


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The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

Samplicity® G2 Filtration System

Components Supplied



Consumables

- Millex Samplicity® filters



OR

- Millex® filters* and funnels



NOTE: In order to use the original Samplicity® Filtration System with Millex® filters, you must purchase the new Samplicity® G2 lid.

Other Items Needed

- Vacuum source
- Pipette and pipette tips
- Sample vials (12 × 32 mm)

Operating Tips

- Vacuum should remain off while system is being assembled.
- Vacuum pressure of 610–847 millibar (18–25 inches Hg) at 30 L/minute is recommended for optimum performance.
- The waste tray can be used in place of the vial tray with vials when washing or flushing the filters prior to sample filtration.
- When pre-washing or flushing the filters, wait for approximately 10 seconds (until complete release of vacuum) before removing the lid and waste tray.
- Ensure proper alignment of vials to filters when assembling the vial tray.
- Doors above empty positions must be closed during operation.
- Do not turn on vacuum until samples have been added to filters.
- Make sure that **all** samples have filtered into vials before turning vacuum off. Some samples may take longer to process.
- System must be turned off (system handle **UP**) and vacuum allowed to release through the bleeder orifice before removing filters and lid, or opening doors. Cross-contamination may occur if filters, lid, or doors are moved before vacuum pressure is fully released.

Product Ordering Information

This section lists the catalogue numbers for Samplicity® G2 Filtration System and related products. You can purchase these products on-line at www.millipore.com/products.

Samplicity® G2 Filtration System	**Cat. No.**	**Qty/pk**
Blue Samplicity® G2 System	SAMP2SYSB	1
Samplicity® G2 Lid	SAMP2LID	1
Millex Samplicity® Filters		
0.20 µm Hydrophilic PTFE Filter	SAMPLG001	96
0.45 µm Hydrophilic PTFE Filter	SAMPLCR01	96
0.45 µm Hydrophilic PVDF Filter	SAMPHV001	96
Millex® Filters for Samplicity® G2 Filtration System		
0.20 µm Hydrophilic PTFE Filter	SAMP2LGNB	250
0.45 µm Hydrophilic PTFE Filter	SAMP2LCRB	250
0.22 µm Hydrophilic PVDF Filter	SAMP2GVNB	250
0.45 µm Hydrophilic PVDF Filter	SAMP2HVNB	250
0.20 µm Hydrophilic Nylon Filter	SAMP2GNNB	250
0.45 µm Hydrophilic Nylon Filter	SAMP2HNNB	250
0.22 µm Hydrophilic PES Filter	SAMP2GPNB	250
0.45 µm Hydrophilic PES Filter	SAMP2HPNB	250

* All instances of Millex® filters cited in this Quick-Start Guide refer to Millex® filters for the Samplicity® G2 System, which are sold with adapter funnels.

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