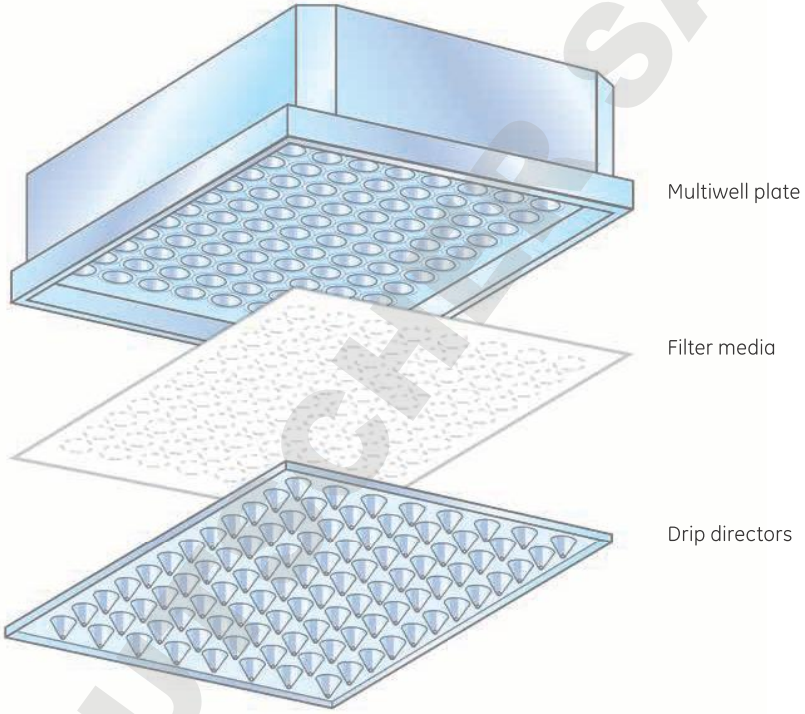
UNIFILTER filtration microplates

The UNIFILTER microplates with filter-bottom wells are convenient and ready to use. Available in 24-, 96-, and 384-well formats, UNIFILTER microplates offer a choice of filter media to meet exact application requirements.

The drip director design of UNIFILTER microplates ensures precise collection of the filtrate or retentate to allow for further processing and analysis.

UNIFILTER microplates are available in a range of well volumes from 100 µl to 10 ml.



Features and benefits

- **Minimizes crosstalk**
  Integral filter design minimizes well-to-well crosstalk.
- **Economical**
  Wide range of well volume options ensures efficient use of materials.
- **Better control**
  Choice of filter media allows control of the flow rate and retention characteristics.
- **Versatile**
  A broad range of filtration media is available including glass fiber, polypropylene, cellulose nitrate, cellulose acetate, nylon and ion exchange cellulose.

384 well 100 µl UNIFILTER

The 100 µl UNIFILTER allows a large enough sample for recovery after filtration. Beneath the filter plate are long drip directors designed to eliminate well-to-well contamination during the filtration process.

The 384 well filter plate is designed for DNA template clean-up, cell capture and for the removal of unwanted debris.

Ordering information

Catalog number	Well format	Well volume	Plate material	Filter media	Drip director	Quantity/ case
384 well 100 µl UNIFILTER						
7700-1101	384	100 µl	Clear polystyrene	GF/C	Long	50
7700-2110	384	100 µl	Clear polystyrene	DNA binding	Long	50

96 well 800 µl UNIFILTER

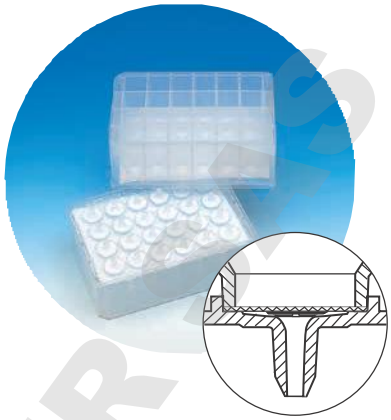
The long drip director in the 800 µl UNIFILTER plates is recommended for use in vacuum filtration and is typically used in purifications, isolations and separation of biomolecules, particularly DNA. The 800 µl well volume is designed for standard DNA plasmid minipreps (p. 12).

2 ml UNIFILTER

The 2 ml UNIFILTER microplate is widely used for applications that require larger sample or reagent volumes. Typically these applications include biomolecular purification by solid phase extraction and organic synthesis in combinatorial chemistry library generation. The glass-filled polypropylene construction of the 2 ml UNIFILTER microplate enables chemical and heat resistant operation. The long drip directors facilitate collection of filtrate without crosstalk.

10 ml UNIFILTER

The 10 ml UNIFILTER microplate is widely used for applications that require very large sample or reagent volumes. Typically these applications include biomolecule purification by solid phase extraction and organic synthesis in combinatorial chemistry library generation. The polypropylene construction of the filter plate permits chemical and heat-resistant operation. The long drip directors facilitate the collection of filtrate without crosstalk.



Ordering information

Catalog number	Well format	Well volume	Plate material	Filter media	Drip director	Quantity/ case
96 well 800 µl UNIFILTER						
7700-2801	96	800 µl	Clear polystyrene	GF/C	Long	25
7700-2803	96	800 µl	Clear polystyrene	GF/B	Long	25
7700-2804	96	800 µl	Clear polystyrene	25-30 µm melt blown polypropylene	Long	25
7700-2805	96	800 µl	Clear polystyrene	0.45 µm PP membrane	Long	25
7700-2808	96	800 µl	Clear polystyrene	0.45 µm Cellulose acetate	Long	25
7700-2810	96	800 µl	Clear polystyrene	DNA binding	Long	25
7770-0062	96	800 µl	Clear polystyrene	25 µm melt blown polypropylene over 0.45 µm PP membrane	Long	25

Catalog number	Well format	Well volume	Plate material	Filter media	Drip director	Quantity/ case
96 well 2 ml UNIFILTER						
7700-7201	96	2 ml	Glass-filled polypropylene	GF/C	Long	25
7700-7206	96	2 ml	Glass-filled polypropylene	0.45 µm hydrophilic PVDF	Long	25
7700-7211	96	2 ml	Glass-filled polypropylene	GF/D	Long	25
7720-7236	96	2 ml	Glass-filled polypropylene	Protein precipitation fast flow	Long	5
24 well 10 ml UNIFILTER						
7700-9901	24	10 ml	Natural polypropylene	GF/C	Long	25
7700-9904	24	10 ml	Natural polypropylene	25-30 µm melt blown polypropylene	Long	25
7700-9905	24	10 ml	Natural polypropylene	1.0 µm PTFE	Long	25
7700-9917	24	10 ml	Natural polypropylene	10-12 µm melt blown polypropylene	Long	25
7700-9902	24	10 ml	Natural polypropylene	VFE	Long	25