



Vivaclear Centrifugal Filters

Technical data and operating instructions.
For in vitro use only.

Vivaclear Centrifugal Filters

Vivaclear centrifugal filters are disposable microfiltration devices for the fast and reliable clarification/filtration of biological samples in the range 100 µl to 500 µl. They can be used in fixed angle rotors accepting 2.2 ml centrifuge tubes.



Product Features:

- High-flux Polyethersulphone membrane
- 0.8 µm pore size
- Low hold up volume (<5 µl)
- Fast and reproducible performance

Applications:

- Clarification of samples before loading onto Vivapure protein purification spin columns
- Removal of particles and particulates
- Filtration of plasma and serum
- Filtration of cells or cell debris

Operation:

1. Fill device with up to 500 µl sample to be clarified.
2. Centrifuge at up to 2,000 x g for 2 - 10 minutes, or until sample has passed through the filter.
3. Remove and discard the filter.
4. The clarified filtrate can be used immediately, or the tube can be closed for short-term storage.

Technical specifications

Rotor	40 – 45° Fixed angle rotor 500 µl
Pore size	0.8 µm
Dimensions	
Total length	43 mm
Filtrate collection tube diameter	11 mm
Active membrane area	0.34 cm ²
Hold-up volume, membrane plus support	< 5 µl
Maximum RCF	2,000 x g
Materials of construction	
Body	Polypropylene
Membrane	Polyethersulphone
Filtrate collection tube	Polypropylene

Ordering information

	Pack size	Cat. No
Vivaclear Mini 0.8 µm PES	100	VK01P042

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