

Macrosep™ centrifugal filters (5 to 20 mL sample volume)

Quickly concentrates up to 20 mL of biological sample

Overview

Macrosep™ centrifugal filters, a Pall Life Sciences product, quickly concentrates up to 20 mL of biological sample down to as low as 450 µL.

Macrosep™ Advance centrifugal devices can be used for a wide range of ultrafiltration applications including the concentration and desalting of proteins, buffer exchange and protein fractionation.

The design of the devices maximizes the effective filtration area allowing for rapid sample processing while maintaining a gentle concentration environment to preserve protein activity and conformation.

- Provides high recoveries, typically > 90%
- Low protein-binding Omega™ membrane and polypropylene housing minimize losses due to non-specific binding
- Versatile ultrafiltration Omega™ membrane is available in a variety of MWCOs
- Built-in deadstop prevents spinning to dryness
- Color-coded and laser etched for easy identification

Product specifications

Macrosep™ Advance centrifugal device with Omega™ membrane 1K, yellow (100/Pk)

Catalog code	MAP001C38
Centrifuge	Fits centrifuges that accept standard 50 mL conical end tubes
Diameter	2.9 cm (1.2 in.)
Effective filtration area	7.2 cm²

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Filter media	Omega (modified polyethersulfone)
Filtrate Receiver Volume	22 mL
Final Concentrate Volume	450 µL (swinging bucket), 1.2 - 1.5 mL (45° angle rotor), 1.5 mL (34° angle rotor)
Hold-up Volume (membrane/paddle)	80 µL
Length	12.0 cm (4.7 in.)
Max. Centrifugal Force	5,000 x g
Operating temperature range	0 – 40°C (32 – 104°F)
Paddle and cap	Polyethylene
Sample reservoir and Filtrate receiver material	Polypropylene
Sample volume	5 - 20 mL
Sanitization	Non-sterile. May be sanitized by filtering 70% ethanol through the device before use.
pH Range	2 – 14

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