

# Amicon® Ultra Centrifugal Filters

## Fast and easy sample concentration

- **Broad chemical compatibility:** Heat-sealed membrane eliminates adhesives and downstream extractables; compatible with pH 1 to 9
- **Reverse spin recovery:** Enables maximum protein recovery without introducing pipetting errors; low binding membrane and polypropylene housing for > 90% sample recovery
- **Reliable:** Spin precious samples with confidence in one robust, sleek unit that prevents leakage

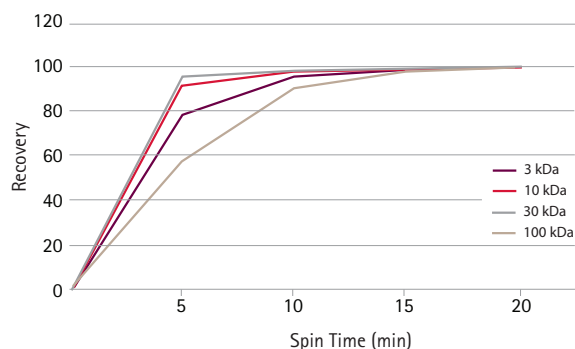
Amicon® Ultra centrifugal filters provide fast sample processing and promote high sample recoveries, even in dilute samples, through ultrafiltration. The unique features of the Amicon® Ultra centrifugal filters give you the fastest, most efficient concentration for sensitive downstream applications.



### Applications

Protein Concentration, Nucleic Acid Concentration, Buffer Exchange, Dialysis, Desalting

### Product Performance



Amicon® Ultra 4 mL filters provide fast spin times with excellent recovery. Solutions of four different proteins (3 kDa cytochrome C, 10 kDa cytochrome C, 30 kDa BSA and 100 kDa IgG) were concentrated using Amicon® Ultra 4 mL filters. Average percent recovery and spin times were recorded. Data show that more than 95% of all protein was recovered in 15 minutes or less.

### Features & Benefits

- **Dead stop:** Avoids spinning to dryness, provides a predictable concentration factor and no need to calibrate for several samples to run in parallel
- **Vertical membranes:** Aligned with filtrate rather than perpendicular for less clogging, less waste and faster filtration; capable of 25- to 80-fold concentration in a single step

## Easy to Choose!

Select the Amicon® Ultra Filter that best meets your sample needs. Choose your starting volume, identify the molecular weight of your molecule of interest, and identify final volume expected.

Product	Amicon® Ultra-0.5	Amicon® Ultra-2	Amicon® Ultra-4	Amicon® Ultra-15	
Maximum initial sample volume (mL)	0.5	2	4	15	
Final concentrate (retentate) volume (µL)	15 – 20	15 – 70	30 – 70	150 – 300	
MWCO	Qty/Pk				
3,000 MWCO	8	UFC500308	UFC200324	UFC800308	UFC900308
	24	UFC500324		UFC800324	UFC900324
	96	UFC500396		UFC800396	UFC900396
	500	UFC5003BK			
10,000 MWCO	8	UFC501008	UFC201024	UFC801008	UFC901008
	24	UFC501024		UFC801024	UFC901024
	96	UFC501096		UFC801096	UFC901096
	500	UFC5010BK			
30,000 MWCO	8	UFC503008	UFC203024	UFC803008	UFC903008
	24	UFC503024		UFC803024	UFC903024
	96	UFC503096		UFC803096	UFC903096
	500	UFC5030BK			
50,000 MWCO	8	UFC505008	UFC205024	UFC805008	UFC905008
	24	UFC505024		UFC805024	UFC905024
	96	UFC505096		UFC805096	UFC905096
	500	UFC5050BK			
100,000 MWCO	8	UFC510008	UFC210024	UFC810008	UFC910008
	24	UFC510024		UFC810024	UFC910024
	96	UFC510096		UFC810096	UFC910096
	500	UFC5100BK			



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