

MERCK

# Millipore® Filtration Selection Guide

In the 1950s, we pioneered the use of microporous nylon film for filtration – and in the decades since, have invented hundreds of products using membrane chemistries optimized for diverse applications. Laboratories across academic, pharmaceutical, biotechnology and industrial sectors rely on Millipore® filtration for high-performance specialty membranes and filter devices.

**Amicon® Ultra Centrifugal Filters**

**Millex® Nonsterile Syringe Filters**

**MultiScreen® Filter Plates**

**Millipore®**  
Preparation, Separation,  
Filtration & Monitoring Products

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# Amicon® Ultra Centrifugal Filters

Concentrate your protein, don't lose it. Fast, efficient concentration, separation, buffer exchange, and diafiltration of proteins, antibodies, and other biomolecules for sensitive downstream applications. Amicon® Ultra centrifugal ultrafiltration devices support rapid, gentle sample processing and promote high sample recoveries, even in dilute samples. Not sure which filter works best for your application? Use our tool to select the ideal Amicon® Ultra filter for your needs.



Select your target type:

DNA

Protein

Other

Target type

DNA

Protein

Other

Target size

137–1159 bp

Starting volume	Catalog #	Product	NMWL	Final volume (min)	Qty/Pack
≤ 0.5 mL	<a href="#">UFC503008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	8
	<a href="#">UFC503024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	24
	<a href="#">UFC503096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	96
	<a href="#">UFC5030BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	Bulk
0.5 mL – 2 mL	<a href="#">UFC203024</a>	Amicon® Ultra-2 Centrifugal Filter Unit	30 KDa	15 µL – 70 µL	24
2 mL – 4 mL	<a href="#">UFC803008</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	8
	<a href="#">UFC803024</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	24
	<a href="#">UFC803096</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	96
4 mL – 15 mL	<a href="#">UFC903008</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	8
	<a href="#">UFC903024</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	24
	<a href="#">UFC903096</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	96

Target type		DNA			Protein		Other	
Target size	6 – 20 kDa	20 – 60 kDa	60 – 100 kDa	100 – 200 kDa	> 200 kDa			
Starting volume	Catalog #	Product		NMWL	Final volume (min)	Qty/Pack		
≤ 0.5 mL	<a href="#">UFC500308</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	8		
	<a href="#">UFC500324</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	24		
	<a href="#">UFC500396</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	96		
	<a href="#">UFC5003BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	Bulk		
0.5 mL – 2 mL	<a href="#">UFC200324</a>	Amicon® Ultra-2 Centrifugal Filter Unit		3 KDa	15 µL – 70 µL	24		
2 mL – 4 mL	<a href="#">UFC800308</a>	Amicon® Ultra-4 Centrifugal Filter Unit		3 KDa	50 µL	8		
	<a href="#">UFC800324</a>	Amicon® Ultra-4 Centrifugal Filter Unit		3 KDa	50 µL	24		
	<a href="#">UFC800396</a>	Amicon® Ultra-4 Centrifugal Filter Unit		3 KDa	50 µL	96		
4 mL – 15 mL	<a href="#">UFC900308</a>	Amicon® Ultra-15 Centrifugal Filter Unit		3 KDa	200 µL	8		
	<a href="#">UFC900324</a>	Amicon® Ultra-15 Centrifugal Filter Unit		3 KDa	200 µL	24		
	<a href="#">UFC900396</a>	Amicon® Ultra-15 Centrifugal Filter Unit		3 KDa	200 µL	96		

Target type	DNA		Protein		Other	
Target size	6 – 20 kDa	20 – 60 kDa	60 – 100 kDa	100 – 200 kDa	> 200 kDa	
Starting volume	Catalog #	Product	NMWL	Final volume (min)	Qty/Pack	
≤ 0.5 mL	<a href="#">UFC501008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	10 KDa	15 µL	8	
	<a href="#">UFC501024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	10 KDa	15 µL	24	
	<a href="#">UFC501096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	10 KDa	15 µL	96	
	<a href="#">UFC5010BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	10 KDa	15 µL	Bulk	
0.5 mL – 2 mL	<a href="#">UFC201024</a>	Amicon® Ultra-2 Centrifugal Filter Unit	10 KDa	15 µL – 70 µL	24	
2 mL – 4 mL	<a href="#">UFC801008</a>	Amicon® Ultra-4 Centrifugal Filter Unit	10 KDa	50 µL	8	
	<a href="#">UFC801024</a>	Amicon® Ultra-4 Centrifugal Filter Unit	10 KDa	50 µL	24	
	<a href="#">UFC801096</a>	Amicon® Ultra-4 Centrifugal Filter Unit	10 KDa	50 µL	96	
4 mL – 15 mL	<a href="#">UFC901008</a>	Amicon® Ultra-15 Centrifugal Filter Unit	10 KDa	200 µL	8	
	<a href="#">UFC901024</a>	Amicon® Ultra-15 Centrifugal Filter Unit	10 KDa	200 µL	24	
	<a href="#">UFC901096</a>	Amicon® Ultra-15 Centrifugal Filter Unit	10 KDa	200 µL	96	

Target type						
Target size						
DNA		Protein			Other	
6 – 20 kDa	20 – 60 kDa	60 – 100 kDa	100 – 200 kDa	> 200 kDa		
Starting volume	Catalog #	Product	NMWL	Final volume (min)	Qty/Pack	
≤ 0.5 mL	<a href="#">UFC503008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	8	
	<a href="#">UFC503024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	24	
	<a href="#">UFC503096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	96	
	<a href="#">UFC5030BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	Bulk	
0.5 mL – 2 mL	<a href="#">UFC203024</a>	Amicon® Ultra-2 Centrifugal Filter Unit	30 KDa	15 µL – 70 µL	24	
2 mL – 4 mL	<a href="#">UFC803008</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	8	
	<a href="#">UFC803024</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	24	
	<a href="#">UFC803096</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	96	
4 mL – 15 mL	<a href="#">UFC903008</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	8	
	<a href="#">UFC903024</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	24	
	<a href="#">UFC903096</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	96	

Target type		DNA			Protein		Other	
Target size	6 – 20 kDa	20 – 60 kDa	60 – 100 kDa	100 – 200 kDa	> 200 kDa			
Starting volume	Catalog #	Product		NMWL	Final volume (min)	Qty/Pack		
≤ 0.5 mL	<a href="#">UFC505008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	8		
	<a href="#">UFC505024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	24		
	<a href="#">UFC505096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	96		
	<a href="#">UFC5050BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	Bulk		
0.5 mL – 2 mL	<a href="#">UFC205024</a>	Amicon® Ultra-2 Centrifugal Filter Unit		50 KDa	15 µL – 70 µL	24		
2 mL – 4 mL	<a href="#">UFC805008</a>	Amicon® Ultra-4 Centrifugal Filter Unit		50 KDa	50 µL	8		
	<a href="#">UFC805024</a>	Amicon® Ultra-4 Centrifugal Filter Unit		50 KDa	50 µL	24		
	<a href="#">UFC805096</a>	Amicon® Ultra-4 Centrifugal Filter Unit		50 KDa	50 µL	96		
4 mL – 15 mL	<a href="#">UFC905008</a>	Amicon® Ultra-15 Centrifugal Filter Unit		50 KDa	200 µL	8		
	<a href="#">UFC905024</a>	Amicon® Ultra-15 Centrifugal Filter Unit		50 KDa	200 µL	24		
	<a href="#">UFC905096</a>	Amicon® Ultra-15 Centrifugal Filter Unit		50 KDa	200 µL	96		

Target type

DNA

Protein

Other

Target size

6 – 20 kDa

20 – 60 kDa

60 – 100 kDa

100 – 200 kDa

&gt; 200 kDa

Starting volume

Catalog #

Product

NMWL

Final volume (min)

Qty/Pack

≤ 0.5 mL	<a href="#">UFC510008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	8
	<a href="#">UFC510024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	24
	<a href="#">UFC510096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	96
	<a href="#">UFC5100BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	Bulk
0.5 mL – 2 mL	<a href="#">UFC210024</a>	Amicon® Ultra-2 Centrifugal Filter Unit	100 KDa	15 µL – 70 µL	24
2 mL – 4 mL	<a href="#">UFC810008</a>	Amicon® Ultra-4 Centrifugal Filter Unit	100 KDa	50 µL	8
	<a href="#">UFC810024</a>	Amicon® Ultra-4 Centrifugal Filter Unit	100 KDa	50 µL	24
	<a href="#">UFC810096</a>	Amicon® Ultra-4 Centrifugal Filter Unit	100 KDa	50 µL	96
4 mL – 15 mL	<a href="#">UFC910008</a>	Amicon® Ultra-15 Centrifugal Filter Unit	100 KDa	200 µL	8
	<a href="#">UFC910024</a>	Amicon® Ultra-15 Centrifugal Filter Unit	100 KDa	200 µL	24
	<a href="#">UFC910096</a>	Amicon® Ultra-15 Centrifugal Filter Unit	100 KDa	200 µL	96



Target type		DNA		Protein		Other					
Target size		1.5 – 3 nm		3 – 5 nm		5 – 7 nm		7 – 10 nm		> 10 nm	
Starting volume	Catalog #	Product		NMWL	Final volume (min)	Qty/Pack					
≤ 0.5 mL	<a href="#">UFC500308</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	8					
	<a href="#">UFC500324</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	24					
	<a href="#">UFC500396</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	96					
	<a href="#">UFC5003BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		3 KDa	15 µL	Bulk					
0.5 mL – 2 mL	<a href="#">UFC200324</a>	Amicon® Ultra-2 Centrifugal Filter Unit		3 KDa	15 µL – 70 µL	24					
2 mL – 4 mL	<a href="#">UFC800308</a>	Amicon® Ultra-4 Centrifugal Filter Unit		3 KDa	50 µL	8					
	<a href="#">UFC800324</a>	Amicon® Ultra-4 Centrifugal Filter Unit		3 KDa	50 µL	24					
	<a href="#">UFC800396</a>	Amicon® Ultra-4 Centrifugal Filter Unit		3 KDa	50 µL	96					
4 mL – 15 mL	<a href="#">UFC900308</a>	Amicon® Ultra-15 Centrifugal Filter Unit		3 KDa	200 µL	8					
	<a href="#">UFC900324</a>	Amicon® Ultra-15 Centrifugal Filter Unit		3 KDa	200 µL	24					
	<a href="#">UFC900396</a>	Amicon® Ultra-15 Centrifugal Filter Unit		3 KDa	200 µL	96					

Target type		DNA		Protein		Other					
Target size		1.5 – 3 nm		3 – 5 nm		5 – 7 nm		7 – 10 nm		> 10 nm	
Starting volume	Catalog #	Product		NMWL	Final volume (min)	Qty/Pack					
≤ 0.5 mL	<a href="#">UFC501008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		10 KDa	15 µL	8					
	<a href="#">UFC501024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		10 KDa	15 µL	24					
	<a href="#">UFC501096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		10 KDa	15 µL	96					
	<a href="#">UFC5010BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		10 KDa	15 µL	Bulk					
0.5 mL – 2 mL	<a href="#">UFC201024</a>	Amicon® Ultra-2 Centrifugal Filter Unit		10 KDa	15 µL – 70 µL	24					
2 mL – 4 mL	<a href="#">UFC801008</a>	Amicon® Ultra-4 Centrifugal Filter Unit		10 KDa	50 µL	8					
	<a href="#">UFC801024</a>	Amicon® Ultra-4 Centrifugal Filter Unit		10 KDa	50 µL	24					
	<a href="#">UFC801096</a>	Amicon® Ultra-4 Centrifugal Filter Unit		10 KDa	50 µL	96					
4 mL – 15 mL	<a href="#">UFC901008</a>	Amicon® Ultra-15 Centrifugal Filter Unit		10 KDa	200 µL	8					
	<a href="#">UFC901024</a>	Amicon® Ultra-15 Centrifugal Filter Unit		10 KDa	200 µL	24					
	<a href="#">UFC901096</a>	Amicon® Ultra-15 Centrifugal Filter Unit		10 KDa	200 µL	96					

Target type						
DNA						
Protein						
Other						
Target size						
1.5 – 3 nm						
3 – 5 nm						
5 – 7 nm						
7 – 10 nm						
> 10 nm						
Starting volume	Catalog #	Product	NMWL	Final volume (min)	Qty/Pack	
≤ 0.5 mL	<a href="#">UFC503008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	8	
	<a href="#">UFC503024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	24	
	<a href="#">UFC503096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	96	
	<a href="#">UFC5030BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	30 KDa	15 µL	Bulk	
0.5 mL – 2 mL	<a href="#">UFC203024</a>	Amicon® Ultra-2 Centrifugal Filter Unit	30 KDa	15 µL – 70 µL	24	
2 mL – 4 mL	<a href="#">UFC803008</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	8	
	<a href="#">UFC803024</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	24	
	<a href="#">UFC803096</a>	Amicon® Ultra-4 Centrifugal Filter Unit	30 KDa	50 µL	96	
4 mL – 15 mL	<a href="#">UFC903008</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	8	
	<a href="#">UFC903024</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	24	
	<a href="#">UFC903096</a>	Amicon® Ultra-15 Centrifugal Filter Unit	30 KDa	200 µL	96	

Target type		DNA			Protein		Other	
Target size	1.5 – 3 nm	3 – 5 nm	5 – 7 nm	7 – 10 nm	> 10 nm			
Starting volume	Catalog #	Product		NMWL	Final volume (min)	Qty/Pack		
≤ 0.5 mL	<a href="#">UFC505008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	8		
	<a href="#">UFC505024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	24		
	<a href="#">UFC505096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	96		
	<a href="#">UFC5050BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit		50 KDa	15 µL	Bulk		
0.5 mL – 2 mL	<a href="#">UFC205024</a>	Amicon® Ultra-2 Centrifugal Filter Unit		50 KDa	15 µL – 70 µL	24		
2 mL – 4 mL	<a href="#">UFC805008</a>	Amicon® Ultra-4 Centrifugal Filter Unit		50 KDa	50 µL	8		
	<a href="#">UFC805024</a>	Amicon® Ultra-4 Centrifugal Filter Unit		50 KDa	50 µL	24		
	<a href="#">UFC805096</a>	Amicon® Ultra-4 Centrifugal Filter Unit		50 KDa	50 µL	96		
4 mL – 15 mL	<a href="#">UFC905008</a>	Amicon® Ultra-15 Centrifugal Filter Unit		50 KDa	200 µL	8		
	<a href="#">UFC905024</a>	Amicon® Ultra-15 Centrifugal Filter Unit		50 KDa	200 µL	24		
	<a href="#">UFC905096</a>	Amicon® Ultra-15 Centrifugal Filter Unit		50 KDa	200 µL	96		

Target type

DNA

Protein

Other

Target size

1.5 – 3 nm

3 – 5 nm

5 – 7 nm

7 – 10 nm

&gt; 10 nm

Starting volume

Catalog #

Product

NMWL

Final volume (min)

Qty/Pack

≤ 0.5 mL	<a href="#">UFC510008</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	8
	<a href="#">UFC510024</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	24
	<a href="#">UFC510096</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	96
	<a href="#">UFC5100BK</a>	Amicon® Ultra-0.5 Centrifugal Filter Unit	100 KDa	15 µL	Bulk
0.5 mL – 2 mL	<a href="#">UFC210024</a>	Amicon® Ultra-2 Centrifugal Filter Unit	100 KDa	15 µL – 70 µL	24
2 mL – 4 mL	<a href="#">UFC810008</a>	Amicon® Ultra-4 Centrifugal Filter Unit	100 KDa	50 µL	8
	<a href="#">UFC810024</a>	Amicon® Ultra-4 Centrifugal Filter Unit	100 KDa	50 µL	24
	<a href="#">UFC810096</a>	Amicon® Ultra-4 Centrifugal Filter Unit	100 KDa	50 µL	96
4 mL – 15 mL	<a href="#">UFC910008</a>	Amicon® Ultra-15 Centrifugal Filter Unit	100 KDa	200 µL	8
	<a href="#">UFC910024</a>	Amicon® Ultra-15 Centrifugal Filter Unit	100 KDa	200 µL	24
	<a href="#">UFC910096</a>	Amicon® Ultra-15 Centrifugal Filter Unit	100 KDa	200 µL	96