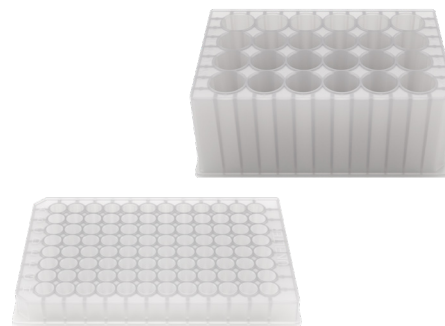


# Unfilters

## For Big Tuna and Big Kahuna

Unfilters are high performance ultrafiltration plates designed by Unchained Labs to work with the Big Tuna and Big Kahuna UF/DF automated buffer exchange systems. The Unfilters are made of polypropylene with regenerated cellulose membranes at various molecular weight cutoffs.



### Specifications

Description	Unfilter 96	Unfilter 24
Working volume	100–450 $\mu$ L	0.45–8 mL
Membrane molecular weight cutoffs	3, 10, 30, and 100 kDa	10, 30, and 100 kDa
Protein concentration	Up to 200 mg/mL	Up to 200 mg/mL
Protein retention*	<ul style="list-style-type: none"> <li>• 3 kDa: <math>\geq</math>98% (lysozyme)</li> <li>• 10 kDa: <math>\geq</math>96% (IgG)</li> <li>• 30 kDa: <math>\geq</math>96% (IgG)</li> <li>• 100 kDa: <math>\geq</math>92% (Fibrinogen)</li> </ul>	<ul style="list-style-type: none"> <li>• 10 kDa: <math>\geq</math>96% (IgG)</li> </ul>
Optimal mixing speed	875 rpm	700 rpm

\*Protein and formulation dependent

### Unfilter options

Unchained Labs part number	Description
601-2024	Unfilter 96: 3 kDa, 5-pack
601-2025	Unfilter 96: 3 kDa, 50-pack
601-2007	Unfilter 96: 10 kDa, 5-pack
601-2022	Unfilter 96: 10 kDa, 50-pack
601-2026	Unfilter 96: 30 kDa, 5-pack
601-2027	Unfilter 96: 30 kDa, 50-pack
601-2028	Unfilter 96: 100 kDa, 5-pack
601-2029	Unfilter 96: 100 kDa, 50-pack
601-2010	Unfilter 24: 10 kDa, 5-pack
601-2021	Unfilter 24: 10 kDa, 50-pack
601-2030	Unfilter 24: 30 kDa, 5-pack
601-2031	Unfilter 24: 30 kDa, 50-pack
601-2032	Unfilter 24: 100 kDa, 5-pack
601-2033	Unfilter 24: 100 kDa, 50-pack



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