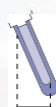


# Adaptable. Innovative. Exclusive.

## Optima™ Ultracentrifuge Labware

Genomics  
Proteomics  
Cell Analysis  
Particle Characterization  
**Centrifugation**  
Lab Automation  
Bioseparation  
Lab Tools


- *g*-MAX™ tubes **Patented** — adapt small samples to larger rotors without sacrificing maximum force of the rotor, to shorten separation time up to 50%. 

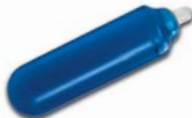



Traditional sleeve  
adapters and lower  
*g* force = longer run  
time





Shorter pathlength with  
*g*-MAX System at max  
*g*-force = shorter run  
times

- OptiSeal™ tubes **Patented** — no tools, heat or closure verification required. Features wide necks that accommodate standard pipette tips. 

- Quick-Seal® tubes seal with a simple hand-held sealing tool. 

- konical™ tubes help concentrate small samples, like pelleted RNA into the bottom of the tube for easier recovery. 

- Ultra-Clear™ tubes are transparent which enables you to easily locate visibly banded or pelleted samples. 

- 1.5 mL Adapter works with the TLA-110 Rotor and allows the Corning polypropylene screw cap tube (P/N 430909) to spin at speeds up to 110,000 RPM, achieving RCF of 536,000. Seal with the tight screw cap, spin your samples with confidence and unscrew the cap for easy access. 

Beckman Coulter's legacy for centrifuge innovation, quality and discovery encompasses more than six decades. We apply this leadership not only to our instruments, but also to all of the accompanying accessories. Our innovative ultracentrifuge labware enables you to do your research with increased safety and ease.

## Ordering Information\*

### Labware

Tube	Volume (mL)	Part. No.	Qty	Size (mm)	Rotor Compatibility
1.5 mL Adapter ( <i>featured on reverse</i> )	N/A	360951	8	N/A	TLA-110
Microcentrifuge Polyallomer	1.5	357448	500	11 x 39	TLA-110, TLA-100.3, TLA-55
Polycarbonate Bottle Assembly	10.4	355603	6	16 x 76	MLA-55
OptiSeal™ Polyallomer	3.3	361627	56	13 x 33	MLS-50, TLN-100
OptiSeal Polyallomer	4.7	361621	56	13 x 48	TLA-110
OptiSeal Bell Top	8.9	361623	56	16 x 60	MLA-55
Thinwall konical™ Polyallomer	3.0	358119	50	13 x 51	MLS-50
Thinwall konical Polyallomer	5.0	326819	50	13 x 51	MLS-50
Quick-Seal® Polyallomer	1.2	361082	50	8 x 35	TLN-120
Quick-Seal Polyallomer	1.5	344624	50	11 x 25	TLA-120.2, MLA-150, MLA-130, TLS-55
Quick-Seal Polyallomer	2.0	344625	50	11 x 32	TLA-120.2, MLA-150, MLA-130, TLS-55
Quick-Seal Polyallomer	3.9	358980	50	13 x 38	TLN-100
Quick-Seal Polyallomer	4.2	356562	50	16 x 38	MLA-80, MLN-80, MLA-55
Quick-Seal Polyallomer	6.3	357334	50	16 x 45	MLA-55
Quick-Seal Polyallomer	8.0	344621	50	16 x 57	MLA-80, MLN-80
Quick-Seal Polyallomer	13.5	342413	50	16 x 76	MLA-55
Quick-Seal Polyallomer Bell Top	2.0	345829	50	13 x 25	TLA-110, TLA-100.3, MLS-50
Quick-Seal Polyallomer Bell Top	3.5	349621	50	13 x 32	TLA-110, TLA-100.3
Thickwall Cellulose Propionate	0.2	342303	100	7 x 20	TLA-100, TLS-55
Thickwall Polyallomer	0.2	343621	100	7 x 20	TLA-100
Thickwall Polyallomer	1.0	347287	100	11 x 34	TLA-120.2, MLA-150, MLA-130, TLS-55
Thickwall Polyallomer	3.5	349623	25	13 x 51	TLA-100.3, MLS-50
Thickwall Polyallomer	4	355644	25	13 x 64	MLA-55
Thickwall Polycarbonate	0.2	343775	100	7 x 20	TLA-100
Thickwall Polycarbonate	0.5	343776	100	8 x 34	TLA-120.1
Thickwall Polycarbonate	1.0	343778	100	11 x 34	TLA-120.2, MLA-150, MLA-130, TLS-55
Thickwall Polycarbonate	3.2	362305	50	13 x 57	TLA-110
Thickwall Polycarbonate	3.5	349622	25	13 x 51	TLA-110
Thickwall Polycarbonate	4	355645	25	13 x 64	MLA-55
Thickwall Polycarbonate	10	355630	25	16 x 76	MLA-55
Thickwall Polyethylene	175 µL	343622	100	5 x 20	TLS-55
Thinwall Polyallomer	2.2	347357	50	11 x 35	TLS-55
Thinwall Polyallomer	175 µL	342630	100	5 x 20	TLS-55
Thinwall Ultra-clear™	2.2	347356	50	11 x 35	TLS-55
Ultra-Clear	0.8	344090	50	5 x 41	MLS-50
Ultra-Clear	5.0	344057	50	13 x 51	MLS-50
Ultra-Clear	6.5	344088	50	13 x 64	MLA-55

\*Accessories, adapters, spacers and/or caps may be required in conjunction with the labware listed.

Not a complete listing of available labware. Please consult our online catalog at [www.beckmancoulter.com/ultracatalog](http://www.beckmancoulter.com/ultracatalog)  
for a complete listing of labware and associated parts.

To order online, visit [www.beckmancoulter.com/eStore](http://www.beckmancoulter.com/eStore)

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