

Amicon Ultra-0.5 Centrifugal Filter Unit

Description	
Catalogue Number	UFC5050BK
Trade Name	Amicon Ultra
Description	Amicon Ultra-0.5 Centrifugal Filter Unit
Background Information	AMICON ULTRA 0.5ML - 50KDa cutoff. Available in 4 pack sizes. UFC505008 - 8 pack UFC505024 - 24 pack UFC505096 - 96 pack UFC5050BK - 500 pack Concentrates 500 µL down to 15 µL Concentration factor 25 x to 30 x High sample recovery (greater than 90% of dilute starting solution) Fast processing time - 10 to 30 minutes Reverse spin capability provides consistent recoveries Applications: Concentration of biological samples containing antigens, antibodies, enzymes, nucleic acids, or microorganisms Purification of macromolecular components found in tissue culture extracts or cell lysates Primer removal, PCR cleanup, removal of linkers or macromolecular labels from a reaction mix, and protein removal prior to HPLC Desalting, buffer exchange and protein dialysis Material Supplied: The Amicon Ultra-0.5 device is supplied with two microcentrifuge tubes. During operation, one tube is used to collect filtrate; the other tube is to recover the concentrated sample.
Product Information	
Filter Code	PLCTK
Color Code	Clear

Product Information	
Filter Type	Ultrafiltration
NMWL	50 KDa
Quality Level	MQ400
Applications	
Application	Ultracel-50 regenerated cellulose membrane, 0.5 mL sample volume
Key Applications	Protein Extraction Protein Purification
Biological Information	
Sterility	Non-Sterile
Physicochemical Information	
Centrifugal Application	Protein Concentration and Desalting
Dimensions	
Length	4.99 cm (1.96 in.)
Diameter	10.8 mm

Dimensions	
Filtration Area	1 cm ²
Minimum Final Concentrate Volume	15 µL
Volume	0.5 mL
Materials Information	
Chemistry	Regenerated Cellulose (RC)
Device Material	Housing: Styrene/butadiene Cap and Tube: Polypropylene
Packaging Information	
Material Size	500