

Preparing an AMICON ULTRA 0.5ML- 3KDa Filter Tube for Filtration		
C001		
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Purpose This procedure provides information on how to prepare an AMICON ultra 0.5ml - 3KDa filter for use in sample filtration.

Materials

Reagents	Supplies	Equipment
<ul style="list-style-type: none"> HPLC-grade H₂O 	<ul style="list-style-type: none"> AMICON ultra 0.5ml - 3KDa Filter tube 	<ul style="list-style-type: none"> Microcentrifuge

Procedure

Step	Details
1.	Obtain an AMICON ultra 0.5ml - 3KDa Filter tube
2.	Add 500 µL of HPLC-grade water to the sample reservoir (upper half) of the centrifuge filter tube.
3.	Centrifuge the filter tube for 5 minutes at 13,000 rpm or 13,793 rcf.
4.	Remove the water from the filtrate receiver (bottom half of the microcentrifuge filter tube) and discard.
5.	Repeat steps 2-4 four times to ensure removal of the glycerol preservative. NOTE: Do not allow the filter to dry out at any point during the prewashing process. If the filter dries out, discard the filter and restart washing.

Note: Use the prepared filter immediately. A filter must be discarded if dried, and a fresh filter prepared.

References Not applicable

Related

Documents L001 - Transferring NMR Samples into NMR Tubes
C002 - Filtering a Sample through a 3K Da Microcentrifuge Tube

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