Product datasheet

10kD Spin Column ab93349

Overview

Product name: 10kD Spin Column

Product overview: The 10kD Spin Columns (ab93349) are disposable ultrafiltration devices for the concentration or deproteinization of biological samples.

They can be used in either a swing bucket or fixed angle rotors which accept 2.0 mL centrifuge tube at maximum speed 10000 x g (5-10 mins). The vertical membrane design and thin channel filtration chamber minimizes membrane fouling and provides high speed concentration, even laden solutions. It is specifically designed with low internal surface and membrane area in order to achieve superior recovery from dilute solution.

Maximum initial sample volume is 500µL. The dead stop volume is approximately 20-25µL.

Notes: If working with cell or tissue lysates, we generally recommend the TCA Sample Deproteinization Kit or using a PCA/KOH Deproteinization protocol. If it is critical to use a spin column with a cell or tissue lysate then, to avoid blocking the filter, first centrifuge the lysate samples at ~14,000 rpm for 10-20 mins to pellet debris, and then use the resulting supernatant with the spin column.

Tested applications: Suitable for: Purification

Properties

Storage instructions: Store at room temperature. Please refer to protocols.

<table>
<thead>
<tr>
<th>Components</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Concentrator cup: Polycarbonate</td>
<td>25</td>
</tr>
<tr>
<td>Filtrate vessel: Polypropylene</td>
<td>25</td>
</tr>
<tr>
<td>Membrane: 10,000 MWCO Polyethersulfone</td>
<td>25</td>
</tr>
</tbody>
</table>

Applications

Our Abpromise guarantee covers the use of ab93349 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Purification</td>
<td>Use at an assay dependent concentration.</td>
<td></td>
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</tbody>
</table>

**Images**

- 10kD Spin Column (ab93349)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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