UltraMicroSpin™ SEC Columns (2-12µL loading volume) and MicroSpin™ Columns (5-25µL loading volume)

*Directions for SEC (**p/n: SUM S010-S100 & SEM S010-S100**):*

Hydrating the Ultra MicroSpin Column:
Place the spin column in the 500µL centrifuge tube. (If your centrifuge has a rotor that can hold the 500µL tube, place the tube in the centrifuge directly. If it does not have a rotor to handle the 500µL centrifuge tube, use an empty 1.7mL tube as an adapter.
Tap the column gently to ensure that the dry column material is settled at the bottom of the column. Place 50µL of 0.1% TFA water or buffer in the spin column and centrifuge it for 3 minutes at 110x g to equilibrate the column. Wash the column as many times as is required for your specific application.
Remove the collecting tube. Blot dry any moisture on the exterior of the column. Add your 5-25µL sample to the top of the spin column. **Be careful to place the sample in the center of the column.**
Place the column in a new collecting tube. Spin the tube for 3 minutes at 110x g. After centrifugation, the purified sample will be in the collecting tube and will be ready for further use.

Each column is designed for a one-time application only, and it is recommended that columns should not be re-used since the quality of results is affected. Cartridges are for desalting applications only. There is not enough column volume to allow true SEC fractionation.

MacroSpin™ SEC Columns (50-80µL volume)

*Directions for SEC (**p/n SMM S010-S100**):*

Tap the column gently to ensure that the dry column material is settled at the bottom of the column.
Remove the red caps and place the spin column in a 2mL centrifuge tube.
Place 500µL of 0.1% TFA water or buffer in the spin column (wait for 15 minutes for hydration) and centrifuge it for 3 minutes at approximately 110x g to equilibrate the column. Wash the column with 500µL of water or buffer as many times as is required for your specific application.
For G-100 wash with 1mL of water or buffer, mix thoroughly and wait 15 minutes before centifuging.
Remove the collecting tube. Blot dry any moisture on the exterior of the column. Add your 50-80µL sample to the top of the spin column. **Be careful to place the sample in the center of the column.**
Place the column in a new collecting tube. Spin the tube for 3 minutes at 110x g. After centrifugation, the purified sample will be in the collecting tube and will be ready for further use.

Each column is designed for a one-time application only, and it is recommended that columns should not be re-used since the quality of results is affected.

Cartridges are for desalting applications only. There is not enough column volume to allow true SEC fractionation.

For questions or to place an order, call

The Nest Group, Inc.
1-800-347-6378

FOR IN-VITRO USE ONLY
FOR RESEARCH USE ONLY

96-Well MiniSpin Plate (10-60µL volume) & MACROSpin Plate SEC Columns (40-125µL volume)

*Directions for SEC (p/n **SNS S010-S100 & SNS S010L - SNS-S100-L**):*
Each Kit Contains:

1 96-Well Spin Column
2 96-Well collection tube plates (1 for wash, 1 for sample)
**96-Well Spin Column, the 96-Well collection tubes, and the filters in the 96-Well Spin columns are all made of polypropylene.*

Directions:

- Tap the column gently to ensure that the dry column material is settled at the bottom of the columns.
- Foil is for sealing purposes only. All 96 wells do not need to be opened at the same time. Remove foil from as many rows as desired for your application. Foil should be cut with a razor or other sharp blade.
- Place the 96-Well Spin Column into a collection plate and follow the instructions based on your application:
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Gel Filtration Columns

- Place 200µL of buffer in all open wells (wait 15 minutes for hydration). Centrifuge the plate for 3 minutes in a 96-Well collection plate at 110x g to equilibrate the column. Wash to column as many times as is required for your specific application.
- Remove the 96-Well Spin Column from the collection plate. Blot dry any moisture on the exterior of the column. Add 10-60µL sample (MicroSpin Plate) or 40-125µl (MACROSpin Plate) of sample to the top of a well. Be careful to ensure that the sample is placed in the center of the well.
- Place the column in a new collection plate. Spin the plate for 3 minutes at 110x g. After centrifugation, the purified sample will be in the collecting tube and will be ready for further use.
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NOTE: Each plate is designed for a one-time application only, and it is recommended that plates should not be re-used since the quality of results is affected. Plates are for desalting applications only. There is not enough column volume to allow true SEC fractionation.

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