



## Spin-OUT™ 6000 MED COLUMNS

**CATALOG NUMBER:** 2152

**LOT NUMBER:**

**QUANTITY:** 10 Each

**DESCRIPTION:** The Chemicon SpinOUT™ columns are used for rapid purification and buffer exchange of protein and/or nucleic acid samples. Simply apply the sample on top of the column and spin briefly and collect clean samples. These columns are suitable for removing salt, unincorporated radio isotopes, dye, primer, dNTP mix, and buffer exchange. Supplied in Micro size for processing up to 0.2 mL samples and Med for processing up to 0.5 mL samples. The SpinOUT 6000 columns are suitable for purification of proteins > 6000 Mol. Wet. and nucleic acids or oligonucleotides larger than 10 bp.

**PROTOCOL:**

1. Invert the column several times to re-suspend the gel material. Remove the tip of the column and let the liquid drain in a collection tube.
2. Buffer Equilibration: SpinOUT columns are supplied in deionized water. Equilibrate the column with a buffer of your choice, as follows. Apply about 1.0 mL of a desired buffer into the column. Let the buffer drain into collection tube. Repeat this process 3 times. Discard the liquid collected in the collection tube.
3. Place the column in a 15 mL centrifuge tube. Centrifuge at 1000 xg for 2 min. Discard the liquid collected in the centrifuge tube.
4. Place the column back in the same centrifuge tube. Carefully apply the protein suspension (20 µL to 500 µL) to the center of the column. Avoid disturbing the resin bed. The maximum volume you should load is 500 µL. A volume less than 20 µL may affect recovery. Wait for 1-2 minutes.
5. After loading the column place the column in a new and clean collection tube and centrifuge at 1000 xg for 4 minutes. Collect the liquid comprising purified protein.
6. Discard used column.

**STORAGE/HANDLING:** Store columns at 2-8°C for up to 6 months from date of purchase. To avoid possible microbial contamination, dispense all solutions aseptically.

### Related Chemicon Products:

Product Description	Qty	Cat. No.
Protein-Concentrate Kit-Med	1 Kit	2102
SpinOUT 12,000 Med Columns	10 Each	2156

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