

# Pharmacia Spin Column Protocol

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Purpose: to desalt oligonucleotides or DNA

Type of column:	Suitable for:	Maximum loading volume:
Microspin S200	oligonucleotides >18 mers	100 ul
Probequant G25	oligonucleotides All sizes	100 ul
Probequant G50	DNA	50 ul
Microspin G50	ABI sequencing Reactions or Riboprobes	20 ul

1. Invert column and gently vortex to resuspend the resin.
2. Snap off bottom of column at perforation.
3. Loosen lid ½ turn and place column into a clean microcentrifuge tube.
4. Spin at 3000 rpm for 1 min.
5. Discard lid, blot bottom of column with Kimwipe
6. Transfer column to a clean microcentrifuge tube.
7. Load sample. Be sure to dispense into the resin bed, not around the sides of the tube.
8. Spin at 3000 rpm for 1 min.
9. Eluate contains purified oligo or DNA or Riboprobe or ABI sequencing reaction. Discard column.

Special instructions for ABI sequencing reactions:

After step (5), wash column with 500 ul ultrapure dH<sub>2</sub>O by applying to column, spin 3000 rpm 1 min., transfer to clean microcentrifuge tube, spin again 3000 rpm 1 min. Continue with step (7).