

TOP_{DNA}



Trityl-on DNA Oligonucleotide Purification Cartridge

Cat. No. 7572915C, 96/pk

7572915B, 96 x 20/pk

General Procedure:

1. Add 1 mL 100 mg/mL NaCl solution to the vial containing the deprotected oligonucleotide solution and mix by shaking.
2. Insert a TOP-DNA cartridge into the Varian Vac Elut 20 Vacuum Manifold. Turn the vacuum pump on and adjust the pressure to 7.0 in. Hg using the vacuum control valve. The vacuum should not need to be adjusted during the purification.
3. Add 0.5 mL acetonitrile to the cartridge.
4. As soon as possible, add 1 mL 2M TEAA **OR** water to the cartridge to condition the medium.*
*TEAA acts as an ion-pairing agent and can improve oligo binding in some cases, but is not necessary

(Short delays between the additions of the following solutions to the cartridge will not effect the purification.)

5. Add 1 mL aliquots oligonucleotide solution to the cartridge.
6. Add 1 mL 100 mg/mL NaCl solution to the cartridge. Repeat.
7. Add 1 mL 2.0% TFA solution to the cartridge. Repeat.
8. Add 1 mL water to the cartridge. Repeat.
9. Remove the cover, using the vacuum release valve. Place a tube in the correct position in the rack and replace the cover. Add 1 mL 50:50 acetonitrile/water to elute DNA oligo under vacuum.

For more detailed instruction, please go to www.varianinc.com under BioSolutions

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