

# TOP<sub>RNA</sub>



## **Tryl-on RNA Oligonucleotide Purification Cartridge**

**Cat. No. 7573915C, 96/pk**

**7573915B, 96 x 20/pk**

### **General Procedure:**

1. Add 250  $\mu$ L TEA.3HF de-silylation solution to the dried base-deprotected oligoribonucleotide. Shake to dissolve the oligoribonucleotide and place in an oven at 65°C for 150 minutes.
2. Remove from the oven and allow to cool in a refrigerator for 5 minutes.
3. Add 1.75 mL Quenching Buffer to the de-silylation solution.
4. Insert a TOP-RNA 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.
5. Add 0.5 mL acetonitrile to the cartridge.
6. Quickly, add 1 mL 2M TEAA, pH 7.0 to the cartridge.

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

7. Add 1 mL aliquots oligonucleotide solution to the cartridge.
8. Add 1 mL 10:90 (v/v) acetonitrile/2M TEAA, pH 7.0 to the cartridge.
9. Add 1 mL water to the cartridge.
10. Add 1 mL 2.0% TFA solution to the cartridge. Repeat.
11. Add 1 mL water to the cartridge. Repeat.
12. Remove the cover. Place a tube in the correct position in the rack and replace the cover. Add 1 mL 1 M ammonium bicarbonate, 30% acetonitrile to the cartridge to elute RNA oligo under vacuum.

**For more detailed instruction, please go to [www.varianinc.com](http://www.varianinc.com) under BioSolutions**

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