

EXTRACTION & PURIFICATION OF OLIGO FROM COLUMN

1. Extract oligo from column by using 2x 0.5ml conc. NH_4OH for $\frac{1}{2}$ hr INTERVALS. (Total vol. = 1.0ml.)
2. HEAT IN TIGHTLY CAPPED TUBES AT 55°C FOR 1 hour. (allow to cool before opening).
3. Dry USING THE SPEED VAC COMPLETELY.
4. RESUSPEND IN 500 μl STERILE H_2O .
5. EXTRACT 2-3 TIMES WITH n-BUTANOL UNTIL THE VOL. IS APPROX. 250 μl .
6. DRY IN SPEED VAC. TO COMPLETENESS.
7. RESUSPEND IN 500 μl OF STERILE H_2O .
8. TAKE O.D. at 260/280nm.
9. CALCULATE CONCENTRATION (APPROX. 500ng/ μl).
10. MOLARITY SHOULD BE APPROX 125 μM - 175 μM