

PREPARATION OF SALMON SPERM DNA :

1. DISSOLVE SALMON SPERM DNA 10mg/ml in dH_2O
2. STIR USING A MAGNETIC STIRRER UNTIL DNA DISSOLVES.
3. ADJUST TO 0.1M NaCl SOLUTION USING 5M NaCl
4. PHENOL EXTRACT \longrightarrow PHENOL/ $CHCl_3$ EXTRACT
5. PASS AQUEOUS PHASE 12 X THRU' 17 gauge needle.
6. PPT DNA. 2X ICE COLD) $EtOH$.
7. CENTRIFUGE. REDISSOLVE 10mg/ml in dH_2O
8. MEASURE OPTICAL DENSITY. CALCULATE EXACT CONCENTRATION
9. BOIL 10MINS. SONICATE 10MINS.
10. STORE AT $-20^{\circ}C$.