

Annealing of Adapters

1. Dissolve each adapter in the appropriate amount of water to give a concentration of 50 μ M.
(50 μ M)(M.W. of oligo μ g/ μ mol) = μ g/L
 μ g/L
----- = μ g/ml
1000
Actual μ g/desired μ g/ml = ml of water
2. Mix oligos in a 1:1 ratio
3. Add NaCl to a final concentration of 50mM.
4. Boil 1L of water. When the water is 95°C, set the adapters in a floating rack and incubate until the temperature of the water reaches room temperature.