

## Coating of Carboxyl Polystyrene Particles with Amino Modified Oligonucleotides

1. Add carboxyl polystyrene particles to 0.1M MES(2-[N-morpholino] ethanesulfonic acid)
2. Add amino modified oligonucleotide in 0.1M MES
3. Add EDC(1-ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride)
4. Vortex and incubate.
5. Add EDC.
6. Repeat Steps 4 and 5.
7. Incubate for another on a rotary mixer.
8. Centrifuge and remove the supernatant carefully.
9. Resuspend the pellet in 0.1M PBS containing 0.02% Tween-20.
10. Repeat Step 8 and resuspend the pellet in 10mM Tris [ hydroxymethyl] aminomethane hydrochloride/EDTA (ethylenediamine-tetraacetic acid) pH 8.0(TE).
15. Centrifuge and remove the supernatant carefully.
16. Resuspend the pellet in TE or PBS. Store at 4°C.

**Note:** This method was provided by Fuja & Hou, Developmental Biology Center, University of California, Irvine.