

## Coating of Avidin Particles with Biotinylated Proteins

### Affinity Coupling:

1. Add the following to glass centrifuge tube:
  - a. Biotinylated protein in sodium phosphate buffer(PB), 0.1 M, pH5.5
  - b. Avidin coated polystyrene particles
2. Vortex and incubate.
3. Centrifuge.
4. Remove the supernatant carefully.
5. Resuspend the pellet in 0.1M PB.
6. Repeat Steps 3 and 4 and resuspend the pellet in PB.

**Note:** This procedure is also used for coating biotin-polystyrene or magnetic particles with various avidin-protein conjugates or other avidin-ligand conjugates.