

Coating of Amino Particles with Ligands or Proteins Using EDC

Covalent Coupling (one step EDC coupling):

1. Add the following to a glass centrifuge tube:
 - a. 0.05M MES buffer, pH5.0
 - b. ligands or proteins
 - c. Amino particles
 - d. EDC
2. Vortex and incubate on a rotary mixer or with occasional vortexing or shaking.
3. Centrifuge.
4. Remove the supernatant carefully.
5. Resuspend the pellet in Isotonic Buffered Saline.
6. Repeat Steps 3 and 4 and resuspend the pellet in IBS to obtain suspension.

Note: Use the FlexiMag Separator or FlexiMag Separator, Jr. for the separation of particles in Step 3.