

General Procedures For Particle Coating

Passive adsorption:

1. Add the following to a glass centrifuge tube:
 - a. Phosphate buffer, 0.1 M, pH 7.4
 - b. Protein solution
 - c. Polystyrene particles
2. Vortex and incubate.
3. Centrifuge.
4. Remove the supernatant carefully.
5. Add Isotonic Buffered Saline(IBS).
6. Mix well using a vortex mixer.
7. Centrifuge.
8. Remove the supernatant carefully.
9. Add IBS and mix well.

Note: 1. FlexiMag Separator or FlexiMag Separator, Jr. for the separation of particles in Steps 3 and 7.

2. This procedure is used for the passive adsorption of immunoglobulins, antigens or other ligands to polystyrene particles or polystyrene magnetic particles.