

Experiment No.(4) Precipitation of proteins using organic solvents:

Materials:

1. Protein solution (0.5%)
2. Organic solvent (ethanol, ether, acetone).

Procedure:

1. Add (1 mL) of protein solution in three test tubes.
2. Add (0.5 mL) of ethanol in test tube 1, (0.5 mL) of ether in test tube 2, and (0.5 mL) of acetone in test tube 3.
3. Notice the precipitation of protein in each tube. (Which organic solvent is more effective).

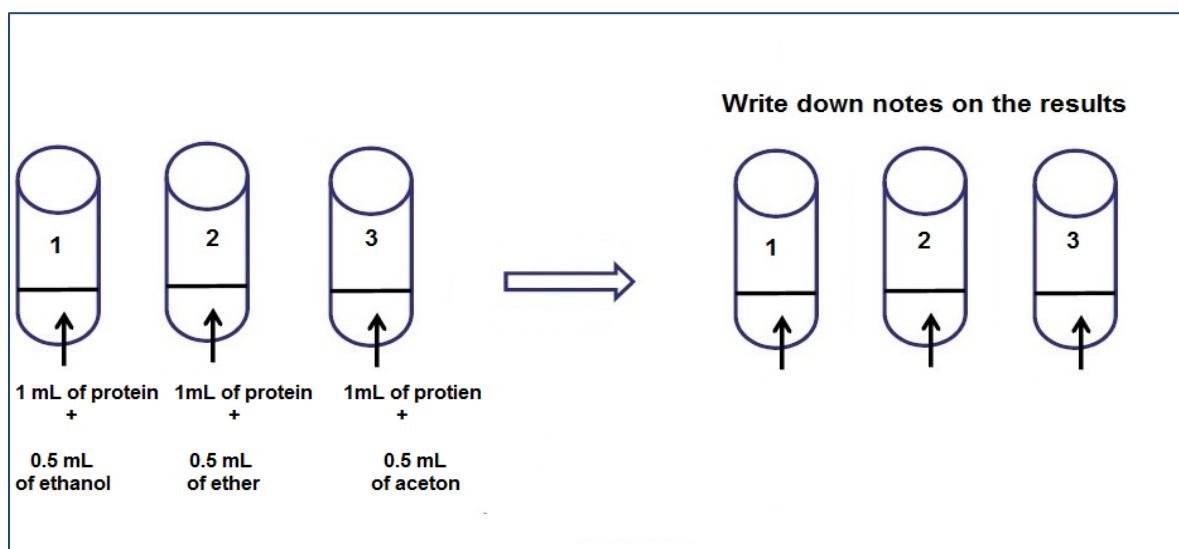


Figure 9.Precipitation of proteins using organic solvents.