

# Homework -

Write answers at the back of your notebook before coming to class.

1. In SDS-PAGE, do the proteins migrate toward the anode (positive electrode) or cathode (negative electrode)? Why?
2. Draw a slab gel to show the results of non-denaturing electrophoresis of the following mixture of proteins. The molecular weight is given for each in Dalton units.

Lysozyme (13,930)	Egg white albumin (45,000)
Chymotrypsin (21,600)	Serum albumin (65,400)
3. List any three techniques used to obtain 3D protein structures.