

Sugden Lab.

**Protein Concentration/Denaturation for SDS-PAGE Analysis:**

Protocol courtesy of Asuka Nanbo, 07.14.2005

1. To 400ul protein solution, add 300ul methanol and 100ul chloroform.
2. Vortex briefly to homogenize.
3. Spin at top speed in a microcentrifuge for 10min at R.T.
4. Conservatively remove the aqueous (top) phase, protein resides at the interphase.
5. Add 300ul methanol. Mix by inversion or vortexing.
6. Spin as above.
7. Protein should pellet at the bottom of the tube. Remove supernatant.
8. Resuspend protein in appropriate volume of sample buffer.