

Preparation of Protein Samples from Phage Cultures

1. Create a solution containing 20% of dissolved PEG and 2.5 M NaCl.
2. Centrifuge the phages for 20 minutes with the maximal centrifugation speed.
3. Optional: sterile filter the supernatant.
4. Take 20 ml of the supernatant and mix with 5 ml of the PEG 8000/NaCl solution.
5. Incubate for from 4 hours up to overnight at 4°C.
6. Centrifuge for 15 minutes with the maximal speed.
7. Resuspend in 1 ml of PBS buffer.

Lysis Buffer

- 1% Triton X-100
- 500 mM Guanidinihydrochlorid
- 10 mM MOPS
pH 6.5

From: iGEM Bielefeld-CeBiTec