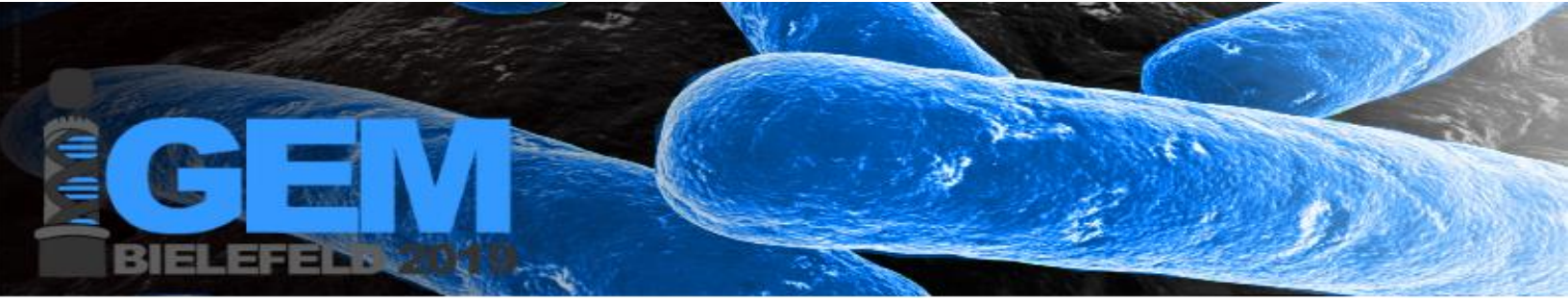

Isolation of Phage-DNA

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. Take 20 ml of the supernatant and mix with 5 ml of the PEG 8000/NaCl solution.
4. Incubate for more than 4 hours up to overnight at 4°C.
5. Centrifuge for 15 minutes with the maximal speed.
6. Resuspend in 1 ml of lysis buffer.
7. Incubate for 30 minutes
8. Heat up to 95°C for 5 minutes.
9. Apply the supernatant with plasmid isolation kit column and proceed with the rest of plasmid purification steps.

Lysis Buffer

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

From: iGEM Bielefeld-CeBiTec

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