

Gel electrophoresis (Agarose gels)

In our project two different types of gel electrophoresis, using Agarose gels, were used. The first method was used to clean up the obtained PCR-products using gels with big pockets, able to fit all 50 μ L of the PCR-product. The second use of the gel electrophoresis, with Agarose gels resulted in an analytical gel, run after a control digest. Since no product needed to be gained out of these gels, smaller pockets only containing 10 μ L of the digested sample.

Recipe for Agarose gels (300mL=2gels)

- 3g Agarose
- fill with 1x TAE buffer to 300mL
- add 30 μ L Sybrsafe