

Protocol 2: Gelectrophoresis

1. Material

- Agarose
- Ethidiumbromid (Roth)
- 1x TAE- Buffer

2. Instruments

- Microwave
- Erlenmeyer flask

3. Experimental procedure

- Weigh in 1 g agarose in one Erlenmeyer flask
- Add of 100 ml TAE- Buffer
- Boil up suspension in microwave
- Add 8 μ l Ethidiumbromid after Erlenmeyer flask is cold enough to be touched with gloved hands
- Mix suspension shortly
- Mould gel in mould
- Set comb in place
- After gel is solid, it is placed in a gel chamber filled with 1x TAE-Buffer
- Comb is pulled
- Load gel with samples
- Conduct electrophoresis with 120 V for as long as seen fit to obtain clearly separated bands