

CLEANING PROCEDURE FOR ELECTROPORATION CUVETTES

ADAPTED FROM THE BONNET TEAM PROTOCOL REPOSITORY

MATERIALS:

- Dirty Gene Pulser / MicroPulser Electroporation cuvettes
- 2 500 mL beakers
- 1 L of 70% ethanol

PROTOCOL:

1. Arrange the cuvettes side by side in two beakers identified A and B
2. Fill cuvettes with 70% ethanol
3. Add other lying cuvettes and remove the caps on top
4. Fill the beakers up to 500mL with ethanol. Warning: All cuvettes must be filled
5. Cover the beakers of double aluminum foil
6. Sonicate the beakers alternatively 15min A, 15min B, 15min A, 15min B, in the sonication bath
7. Cool on the bench overnight
8. Empty the ethanol from the beaker by opening minimally the aluminum foil (to avoid contamination)
9. Make 5 to 8 holes in the aluminum of each beaker with a syringe needle to create a ventilation
10. Dry the cuvettes in their beakers in an oven at 65°C (2 days or more)
11. When the tanks and caps are dry, close them under sterile conditions (flame or under the hood)