

Boiling and Sonication

- Purpose :
Get DNA genome

- Boiling :
 1. Bacteria is grown in LB and then shake 200 rpm overnight
 2. Move it into microtube 125 ml, centrifuge 12.000 rpm 5 minute
 3. Take the pellet and add 1/3 TE rinse 3x
 4. Heat 100⁰ C 10 minute
 5. Sonication
 - 20 seconds do the sonication
 - 10 seconds incubate in ice
 - repeat 6 times for the 5th step
 6. Centrifuge 12.000 rpm 4⁰ C , take supernatant

- Boiling dan Sonikasi Method V.2
 1. Spin 500 μ L decontaminated sample - for 15 minute
 2. Centrifuge 10000 x gmg
 3. Discard the supernatant
 4. Take the pellet and add 100 μ L DNAase free water (Σ H₂O)
 5. Incubate for 20 minutes 95⁰C and boil it in waterbath
 6. Sonication 15 minute
 7. Centrifuge 5 minutes full speed 13000, then take the supernatant
 8. Use 5 μ L supernatant for PCR template