

Phage Plaque Assay

- Compose 0.7% LB agar without antibiotic.
- Inoculate an overnight culture of the desired strain and start a main culture on the following day with start OD of 0.1.
- Incubate until the OD value reaches 0.6 – 0.8.
- Perform a serial dilution to the phage (from 1 to 10^{-5})
- In a test tube, mix the following components:
 - 1 ml of main culture
 - 10 μ l of phages
 - Fill up to 5 ml with 0.7% LB agar
 - Vortex to mix thoroughly
 - Plate on agar plates
- Let the agar plates incubate for several days until the analyzed components are visually identifiable

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