

Introduction to Competent Cells ?Two main methods: Chemical Competence (CaCl_2) and Electroporation. Provides preclinical data before moving to human trials. Dilute 1:100 into fresh LB broth and incubate until $\text{OD}_{600} = 0.4\text{--}0.6$. Essential for genetic engineering applications. LB broth ???2.