

Protocol for Lipofectamine® 2000 Transfection

1. Seed cells to be 70–90% confluent at transfection.
2. Dilute 5.0–12.5 μL Lipofectamine® Reagent in 250 μL Opti-MEM® Medium.
3. Dilute 2500 ng DNA in Opti-MEM® Medium.
4. Add diluted DNA to diluted Lipofectamine® 2000 Reagent (1:1 ratio).
5. Incubate for 20 minutes at room temperature.
6. Add DNA-lipid complex to a well of the 6-well plate.
7. Incubate cells for 12 h at 37 °C, 5% CO₂, then Aspirate the growth medium from the cells and add fresh complete medium.
8. Incubate cells to 36 h at 37 °C, 5% CO₂, then Visualize/analyze transfected cells.