



E. coli DH5 α Transformation Protocol (Cat:#D100)

1. Thaw chemically Super Efficiency Competent Cells on ice, aliquot 50 μ l to 1.5ml micro-centrifuge tube.
2. Add 5-10 μ l of the chilled U-clone Reaction product to the competent cells. Mix gently by flicking the tube 4–5 times.
3. Place the mixture on ice for 30 minutes.
4. Heat shock on a 42°C heat block for 60 seconds.
5. Transfer tubes to ice for 2 minutes.
6. Add 250 μ l of room-temperature SOC media to the tube.
7. Incubate the tube at 37°C for 60 minutes with shaking (250 rpm).
8. Spread 60 μ l of the cells onto the antibiotic-selection plates.
 - **Option:** Spin at 3000 rpm for 1 min, remain 50-100 μ l of supernatants to resuspend pellet and spread all on the plate.
9. Incubate overnight at 37°C.

Question and Troubleshooting

Please contact: info@evomicscience.com or visit web site: www.evomicscience.com

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