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transformation of E.coli DH5α with plasmid DNA

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Works for me

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ABSTRACT

common transformation of E.coli DH5α with plasmid DNA

MATERIALS TEXT

- LB-Medium 1 ml (without antibiotics)
- DH5a e.coli culture 50 µl
- plasmid DNA 1 µl
- plate with plasmid-specific antibiotics
- Thermoblock (42°C)
- ice bath

1 thaw competent cells on ice

2 add 1 µl plasmid DNA to cells

3 incubate cells on ice

30m

4 heat shock cells at 42°C

1m

5 cool on ice

2m

6 add 700 µl LB without antibiotics to the cells

7 incubate at 37°C (with shaking)

1h

8 plate 100 µl on antibiotic plates with Drigalski spatula

9 incubate over night at 37°C



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