

innuPREP Bacteria DNA Kit

Protocol: DNA isolation from bacterial cell pellets after cultivation

- Recommended steps before starting
- Heat thermal mixer or water bath (37 °C and 50 °C)
 - Prepare Washing Solution HS, Washing Solution MS and Proteinase K according to the instruction

1. Re-suspend cell pellet



- Add 200 µl TE buffer
- Re-suspend pellet completely

2. Lysis



- Add 15 µl Lysozyme
- Vortex: 5 sec; pulsed
- Incubation: 37 °C
- Add 200 µl TLS and 25 µl PK
- Vortex: 5 sec; pulsed
- Incubation: 50 °C; 15 min



- 10.000 x g (12.000 rpm): 1 min
- Transfer supernatant; 1.5 ml tube

3. Binding of DNA

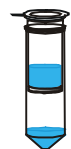


- Add 400 µl TBS
- Vortex: 15 sec
- Add Spin Filter to Receiver Tube
- Add sample to Spin Filter
- 10.000 x g (12.000 rpm): 2 min



4. Washing

New Receiver Tube

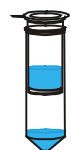


- Add 500 µl HS
- 10.000 x g (12.000 rpm): 1 min
- Add 750 µl MS
- 10.000 x g (12.000 rpm): 1 min



5. Remove Ethanol

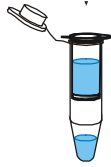
New Receiver Tube



- Discard filtrate
- Add Spin Filter to Receiver Tube
- Centrifuge: max speed, 2 min



6. Elution



- Add Spin Filter to an Elution Tube
- Add 50-100 µl Elution Buffer
- Incubation: 1 min @ RT
- 6.000 x g (8.000 rpm): 1 min

Order No.:	845-KS-6010010	10 reactions
	845-KS-6010050	50 reactions
	845-KS-6010250	250 reactions

This documentation describes the state at the time of publishing. It needs not necessarily agree with future versions. Subject to change!

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