




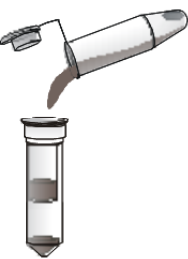




innuPREP Plasmid Mini Kit

Protocol 2: Isolation of plasmid DNA from 5-15 ml bacterial culture

Recommended steps before starting

- Prepare Washing Solution B according to the instruction

1. Starting material	<i>E. coli</i> overnight culture		<ul style="list-style-type: none"> > 5–15 ml
2. Pellet cells			<ul style="list-style-type: none"> Centrifuge: max. speed, 8 min Discard supernatant completely
3. Resuspend cells			<ul style="list-style-type: none"> Add 550 µl Resuspension Buffer Vortex Transfer solution to 2.0 ml tube
4. Lysis Don't vortex!			<ul style="list-style-type: none"> Add 550 µl Lysis Buffer Mix: invert tube 6–8 times Lysis time: ≤ 5 min
5. Neutralization			<ul style="list-style-type: none"> Add 750 µl Neutralization Buffer Mix: invert tube 6–8 times Centrifuge: max speed, 8 min
6. Binding of DNA Re-use Receiver Tube		 	<ul style="list-style-type: none"> Add Spin Filter to Receiver Tube Add 850 µl of clarified sample to Spin Filter 11,000 x g (~11,000 rpm): 1 min Discard filtrate and load residual sample to Spin Filter 11,000 x g (~11,000 rpm): 1 min

7. Washing

Re-use Receiver Tube



- Add 650 µl Washing Solution A
- 11,000 x g (~11,000 rpm): 1 min
- Add 750 µl Washing Solution B
- 11,000 x g (~11,000 rpm): 1 min

8. Remove Ethanol

Re-use Receiver Tube



- Discard filtrate
- Add Spin Filter to Receiver Tube
- Centrifuge: max speed, 3 min

9. Elution



- Add Spin Filter to a 1.5 ml reaction tube
- Add 100 µl Elution Buffer P
- Incubation: 3 min @ RT
- 11,000 x g (~11,000 rpm): 1 min

Order No.:	Spin Filter without cap	
	845-KS-5040010	10 reactions
	845-KS-5040050	50 reactions
	845-KS-5040250	250 reactions
	845-KS-5040500	500 reactions
	Spin Filter with cap	
	845-KS-5041010	10 reactions
	845-KS-5041050	50 reactions
	845-KS-5041250	250 reactions
	845-KS-5041500	500 reactions

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