

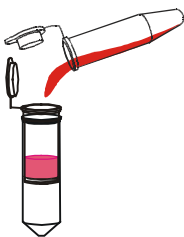
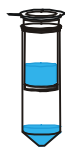
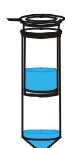



innuPREP DNA Micro Kit

Protocol 3: DNA extraction from cell cultures

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

1. Starting material		<ul style="list-style-type: none"> ▪ Max. 1 x 10⁶ cells
2. Pellet cells		<ul style="list-style-type: none"> ▪ 5.000 x g (~7.500 rpm); 10 min ▪ Discard supernatant
3. Lysis		<ul style="list-style-type: none"> ▪ Add 200 µl Lysis Solution TLS <u>and</u> 20 µl Proteinase K ▪ Vortex: 5 sec ▪ Incubation: 50 °C
4. Binding of DNA		<ul style="list-style-type: none"> ▪ Add 200 µl Binding Solution TBS ▪ Vortex ▪ Add Spin Filter to Receiver Tube ▪ Add sample to Spin Filter ▪ 10.000 x g (~12.000 rpm): 1 min
5. Washing		<ul style="list-style-type: none"> ▪ Add 400 µl Washing Solution HS ▪ 10.000 x g (~12.000 rpm): 30 sec ▪ Add 750 µl Washing Solution MS ▪ 10.000 x g (~12.000 rpm): 30 sec
6. Remove Ethanol		<ul style="list-style-type: none"> ▪ Discard filtrate ▪ Add Spin Filter to Receiver Tube ▪ Centrifuge: max speed, 2 min
7. Elution		<ul style="list-style-type: none"> ▪ 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-1011010 10 reactions
845-KS-1011050 50 reactions

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