

innuPREP DNA Mini Kit

Protocol 1: DNA extraction from tissue samples or rodent tails

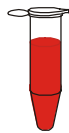
Recommended steps before starting

- Prepare Proteinase K, Washing Solution HS and Washing Solution MS according to the instruction

1. Starting material

- Weight up to 50 mg tissue, cut into pieces and transfer into a 1.5 ml tube
- Cut up to 1.0 cm rodent tail into pieces and transfer into a 1.5 ml tube

2. Lysis

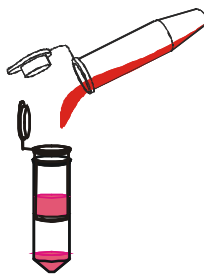


- Add 400 μ l TLS and 25 μ l PK
- Vortex: 5 sec
- Incubation: 50 °C
- 11.000 x g (~11,000 rpm): 1 min
- Transfer supernatant; 1.5 ml tube

3. Optional: RNA removal

- 10 mg/ml RNase A; 2 μ l vortex
- Incubation: 5 min @ RT

4. Binding of DNA



- Add 400 μ l TBS
- Vortex: 15 sec
- Add Spin Filter to Receiver Tube
- Add sample to Spin Filter
- 11,000 x g (~11,000 rpm): 2 min

5. Washing

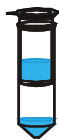
New Receiver Tube



- Add 500 μ l HS
- 11,000 x g (~11,000 rpm): 1 min
- Add 750 μ l MS
- 11,000 x g (~11,000 rpm): 1 min

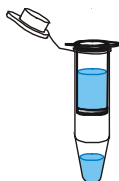
6. Remove Ethanol

New Receiver Tube



- Discard filtrate
- Add Spin Filter to Receiver Tube
- 11,000 x g (~11,000 rpm): 2 min

7. Elution



- Add Spin Filter to Elution Tube
- Add 200 µl Elution Buffer
- Incubation: 1 min @ RT
- 11,000 x g (~11,000 rpm): 1 min

Order No.:	845-KS-1041010	10 reactions
	845-KS-1041050	50 reactions
	845-KS-1041250	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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