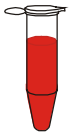
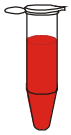
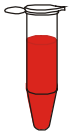
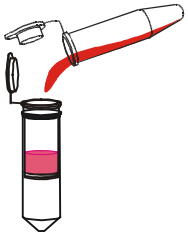
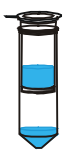
analytikjena

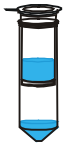
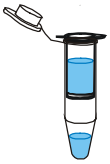
innuPREP DNA Micro Kit

Protocol 2: DNA extraction from paraffin embedded tissue sample

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.	Remove paraffin		▪ 2.0 ml tube ▪ Add 1 ml octane or xylene, vortex ▪ Centrifuge: max speed, 5 min ▪ Discard supernatant
2.	Washing (Repeat 2x)		▪ Add 1 ml ethanol (96 – 99.8 %) ▪ Vortex ▪ Centrifuge: max speed, 3 min ▪ Remove ethanol (pipetting)
3.	Evaporate residual ethanol		▪ Incubation: 37° C; 10 – 15 min
4.	Lysis		▪ Add 200 µl Lysis Solution TLS and 20 µl Proteinase K ▪ Vortex: 5 sec ▪ Incubation: 50 °C ▪ Pre-heat thermal mixer to 90 °C ▪ Incubation: 60 min @ 90 °C
5.	Binding of DNA		▪ 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
6.	Washing New Receiver Tube		▪ 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

7.	Remove Ethanol New Receiver Tube		▪ Discard filtrate ▪ Add Spin Filter to Receiver Tube ▪ Centrifuge: max speed, 2 min
8.	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-1011010	10 reactions
	845-KS-1011050	50 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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