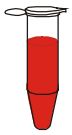
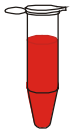
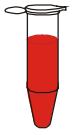
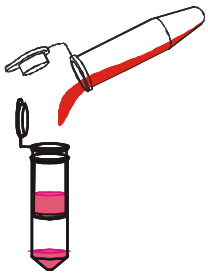
analytikjena
An Endress+Hauser Company

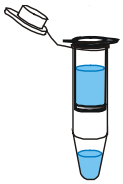
innuPREP DNA Mini Kit

Protocol 2: DNA extraction from paraffin embedded tissue samples

Recommended steps before starting

- Heat thermal mixer or water bath (37 °C/ 50 °C/ 90 °C)
- Prepare Proteinase K, Washing Solution HS and Washing Solution MS according to the instruction

1. Starting material		▪ Place paraffin embedded tissue samples into a 2.0 ml tube
2. Remove paraffin	 	▪ Add 1 ml Octane or Xylene, vortex ▪ Centrifuge: max speed, 5 min ▪ Discard supernatant
3. Washing (Repeat 2 x)	 	▪ Add 1 ml ethanol (96 – 99.8 %) ▪ Vortex ▪ Centrifuge: max speed, 3 min ▪ Remove ethanol (pipetting)
4. Evaporate residual ethanol		▪ Incubation: 10 – 15 min @ 37 °C
5. Lysis	 	▪ Add 400 µl TLS and 25 µl PK ▪ Vortex: 5 sec ▪ Incubation: until sample is lysed @ 50 °C ▪ Incubation: 60 min @ 90 °C
6. Binding of DNA	 	▪ Add 400 µl TBS ▪ Vortex: 15 sec ▪ Add Spin Filter to Receiver Tube ▪ Add sample to Spin Filter ▪ 11,000 x g (~11,000 rpm): 2 min
7. Washing New Receiver Tube	 	▪ Add 500 µl HS ▪ 11,000 x g (~11,000 rpm): 1 min ▪ Add 750 µl MS ▪ 11,000 x g (~11,000 rpm): 1 min

8. Remove Ethanol New Receiver Tube		▪ Discard filtrate ▪ Add Spin Filter to Receiver Tube ▪ 11,000 x g (~11,000 rpm): 2 min
9. 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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