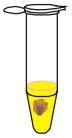
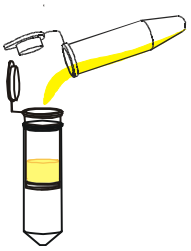
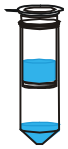
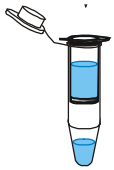
analytikjena
An Endress+Hauser Company

innuPREP DOUBLEpure Kit

Protocol: DNA extraction from agarose gel slices

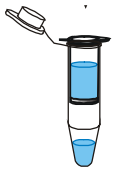
Recommended steps before starting

- Heat thermal mixer or water bath (50 °C)
- Prepare Washing Solution LS according to the instruction

1. Starting material	▪ TAE agarose gels ▪ TBE agarose gels		▪ Up to 300 mg ▪ Up to 300 mg
2. Lysis			▪ Add 650 µl Gel Solubilizer ▪ Incubation: 50 °C, 10 min
3. Binding of DNA Re-use Receiver Tube			▪ Add 50 µl Binding Optimizer ▪ Mix: vortex or pipetting ▪ Add Spin Filter to Receiver Tube ▪ Add sample to Spin Filter ▪ 11,000 x g (~11,000 rpm): 1 min
4. Washing Re-use Receiver Tube			▪ Add 700 µl Washing Solution LS ▪ 11,000 x g (~11,000 rpm): 1 min ▪ Add 700 µl LS ▪ 11,000 x g (~11,000 rpm): 1 min
5. Remove Ethanol Re-use Receiver Tube			▪ Discard filtrate ▪ Add Spin Filter to Receiver Tube ▪ Centrifuge: max speed, 2 min
6.1 Elution (standard elution volume)			▪ Add Spin Filter to an Elution Tube ▪ Add 30–50 µl Elution Buffer ▪ Incubation: 1 min @ RT ▪ 11,000 x g (~11,000 rpm): 1 min

6.2 Elution

(mini elution volume)



- Add Spin Filter to an Elution Tube
- Add 10–20 µl Elution Buffer
- Incubation: 2 min @ RT
- 11,000 x g (~11,000 rpm): 1 min

Order No.:	845-KS-5050010	10 reactions
	845-KS-5050050	50 reactions
	845-KS-5050250	250 reactions

This documentation describes the state at the time of publishing. It needs not necessarily agree with future versions. Subject to change!

Analytik Jena GmbH
Konrad-Zuse-Straße 1
07745 Jena
Germany

Phone +49 3641 77 94 00
Fax +49 3641 77 767776
info@analytik-jena.com
www.analytik-jena.com

Manufacturer:
AJ Innuscreen GmbH
Robert-Rössle-Straße 10
13125 Berlin