

blackPREP FFPE DNA Kit

Protocol: DNA extraction from FFPE tissue samples

Recommended steps before starting

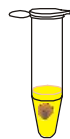
- Prepare Proteinase K and Washing Solution BS according to the instruction
- Heat thermal mixer or water bath (65 °C, followed by 90 °C)

1. Starting material

- FFPE tissue samples, max 50 mg tissue per tube

2. Lysis

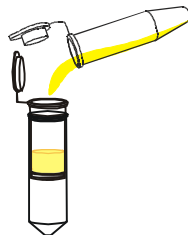
Pre-heat thermal mixer without sample



- Centrifuge: max speed, 1 min
- Add 400 µl Lysis Solution MA and 40 µl Proteinase K
- Vortex: 10 sec
- Incubation 1: 1 h @ 65 °C continuous shaking!
- Incubation 2: 1 h @ 90 °C continuous shaking!
- Incubation 2: 5 min @ RT
- Centrifuge: max speed, 2 min

3. Binding of DNA

New Receiver Tube



- Transfer sample (1.5 ml tube)
- Add 400 µl ethanol absolute
- Mix: vortex or pipetting
- Add Spin Filter to Receiver Tube
- Add sample to Spin Filter
- 10,000 x g (~12,000 rpm): 1 min

4. Washing

New Receiver Tube



- Add 500 µl Washing Solution C
- 10,000 x g (~12,000 rpm): 1 min
- Add 650 µl Washing Solution BS
- 10,000 x g (~12,000 rpm): 1 min
- Add 650 µl ethanol, absolute
- 10,000 x g (~12,000 rpm): 1 min

5. Remove Ethanol

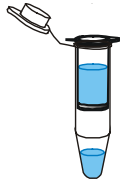
New Receiver Tube



- Discard filtrate
- Add Spin Filter to Receiver Tube
- Centrifuge max. speed: 3 min



6. Elution



- Add Spin Filter to Elution Tube
- Add 100 µl Elution Buffer
- Incubation: 2 min @ RT
- 10,000 x g (~12,000 rpm): 1 min



Order No.:	845-BP-0021010	10 reactions
	845-BP-0021050	50 reactions
	845-BP-0021250	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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Analytik Jena AG
Konrad-Zuse-Straße 1
07745 Jena · Germany

Phone +49 3641 77 9400
Fax +49 3641 77 767776
info@analytik-jena.com
www.analytik-jena.com

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