CONGEN

Information

DNA extraction from high protein samples using SureFood® PREP Basic or SureFood® PREP Advanced

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1. Sample preparation

Please prepare the samples in duplicates

2. Additional required equipment and materials

- micro balance for weighing the sample
- 1.5 ml and 2.0 ml reaction tubes (not supplied with the kit)
- heating block (up to 65°C)
- micro centrifuge (up to 12,000 rpm)

3. Procedure

- Transfer sample, according to User Manual* into a 2.0 ml reaction tube (not supplied with the kit)
- Add 800 µl Lysis Buffer and 20 µl Proteinase K from used SureFood® PREP kit
- Incubate on a heating block under continuously shaking for 30 or 60 min* at 65°C
- Centrifuge the sample lysate for 2 min at 12,000 rpm
- Pipette liquid supernatant into a new 1.5 ml reaction tube (not supplied with the kit)
- Centrifuge the sample lysate for 2 min at 12,000 rpm
- Use 400 µl of the supernatant to continue with step 3 Pre-filtration and setting of optimal binding conditions, point 2.3 Extraction protocol from SureFood® PREP Advanced protocol 1 or SureFood® PREP Basic (without the first centrifugation step for 1 min at 12,000 rpm)

*according to User Manual SureFood® PREP Advanced or SureFood® PREP Basic

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