CONGEN

Flow Chart for SureFast® PREP Bacteria

Art. No. F1021

June 2023

Information

(1) Preparation of the basic material

Transfer 1.0 ml of the enrichment into a 1.5 ml reaction tube

Centrifuge for 5 min at 12.000 rpm.

Discard the fluid

(2) Lysis of basic material

Add **400 µl Lysis Buffer** (Code L)

Mixing

Incubation **10 min at 99°C**.

Centrifugation **1 min 12000 rpm**

Setting of optimal binding conditions

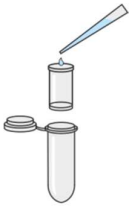
Transfer **ca. 300 µL supernatant** into a new **1.5 ml reaction tube**

(3) Binding of nucleic acids on a spin filter

Add **200 µl Binding Buffer** (Code B) to sample

Mixing

Place a **Spin Filter** (Code S) into a new **clear Receiver Tube** (Code R)



Transfer the **complete solution** onto the Spin Filter (Code S)

Incubation **1 min at room temperature**

Centrifugation **1 min 12000 rpm**

Discard the filtrate

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(4) **Purification of bound nucleic acids &**

(5) **Drying of the Spin Filter**

Place the **clear Spin Filter**
back into the **clear Receiver Tube** (Code R)

Add **550 µL Wash Buffer** (Code W)

Centrifugation **1 min 12000 rpm**

Discard filtrate
Place Spin Filter back into the Receiver Tube (Code R)

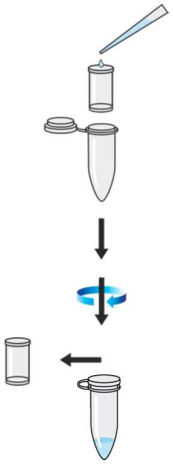
Add **550 µL Wash Buffer** (Code W)

Centrifugation **1 min 12000 rpm**

Discard filtrate
Place Spin Filter back into the Receiver Tube (Code R)

Centrifugation **2 min 12000 rpm**

(6) **Elution of nucleic acids**



Place the **Spin Filter** into a
clear 1.5 ml Receiver Tube (Code T)

Add **100 µL preheated Elution Buffer** (Code E)

Incubation **3 min room temperature**

Centrifugation **1 min 10000 rpm**

Discard Spin Filter

The eluted DNA is ready-to-use for the PCR