

Suspension Buffer

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Buffer for the rapid suspension of bacterial colonies growing on agar plates,
intended to be tested by PCR

Store at 15 to 25 °C

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1. What this Product Does

The Suspension Buffer is designed for the rapid suspension of bacterial colonies growing on agar plates, intended to be tested by PCR. It takes less than five minutes to generate templates for direct use in PCR. The buffer eliminates the need for hazardous organic extractions or chaotropic agents.

Storage

Store the Suspension Buffer at room temperature (15 – 25 °C) through the expiration date printed on the label. Do not use the buffer in case precipitates have formed. To minimize the contamination risk it is recommended to store the Suspension Buffer in aliquots.

Contents

Bottle with colorless cap	Suspension Buffer
1 x 40 ml Contains a buffered solution to suspend colony material samples intended to be tested by PCR.	

Additional Equipment Required

To prepare PCR templates with the Suspension Buffer you will need the following equipment.

- Sterile reaction (Eppendorf) tubes
- Nuclease-free aerosol-resistant pipette tips
- Pipettes with disposable, positive-displacement tips
- Sterile inoculation needles or toothpicks if necessary
- Orbital shaker (vortex)

Protocol

In order to avoid cross-contamination, always use filter tips. Follow all universal safety precautions governing the work with biohazardous materials (e.g., wear lab coats and gloves at all times). Properly dispose all contaminated materials, decontaminate work surfaces, and use biosafety cabinets whenever aerosols might be generated.

1. For every colony to be tested, prefill a sterile reaction tube with 50 µl Suspension Buffer.
2. Transfer some cell material from single colonies to the tubes, using sterile inoculation needles, pipette tips, or toothpicks.
3. Mix by vortexing.

The extracts can be stored at 2 – 8°C for a few days, but should be stored at –15 to –25°C for longer periods.

Note: As the samples are not purified, they are not suited for a long-term storage.

Warranty and Disclaimer of Liability

For detailed information please refer to Biotest's terms and conditions.



2. Supplementary Information

Ordering Information

Biotest AG is offering a broad range of products for environmental monitoring. For a complete overview and for more information, please visit our website at www.biotest.com.

Contact and Support

For any inquiries or to place an order, contact your local Biotest distributor.

Domestic customers in Germany may contact Customer Service at:

Phone: +49 (0) 6103 801-496
Fax: +49 (0) 6103 801-505
Email: mail@biotest.de

For technical or applicational inquiries please contact our Technical Support at:

Phone: +49 (0) 6221 72651-30
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For other language versions of this manual, please see www.biotest.de.

For further questions please send an e-mail to hycon@biotest.de.

Manufacturer Information

The product is produced by Biotest Diagnostics GmbH, Potsdam, Germany (www.bc-diagnostics.com).

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