



vetproof® Lysis Buffer A

Revision A, February 2024

A two-component reagent kit for the rapid and efficient extraction of PCR-ready genomic DNA from a variety of samples.

Product No. KIT230344

200 reactions

Store at room temperature.

For *in vitro* use only



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1. Product Description

vetproof® Lysis Buffer A for PCR is a two-component reagent kit for rapid and efficient extraction of genomic DNA.

1.1 Number of Tests

The kit is designed for 200 reactions.

1.2 Storage and Stability

Upon receipt, store reagents at room temperature.

1.3 Kit Contents

The vetproof® Lysis Buffer A kit contains the following reagents:

| Component | Contents |
|----------------------|-----------------------------|
| Extraction Reagent | 1 vial of 22 mL (red cap) |
| Stabilisation Buffer | 1 vial of 22 mL (clear cap) |

1.4 Applicability Statement

This kit is optimized for the extraction of genomic DNA from a variety of sample matrices. The extracted DNA is suitable for quantitative and qualitative applications using any PCR system.

1.5 Additional Equipment Required (not provided with kit)

- Vortex mixer
- Micro-centrifuge
- Heating block capable of reaching 100 °C
- Disposable filter-tips for volume 1 - 1000 µL
- Single, 8- or 12-channel pipette
- Nuclease-free tubes for preparation of reaction mix
- Disposable, powder-free gloves

2. How to Use This Product

2.1 Good Laboratory Practices

- Assays must be performed by qualified laboratory personnel only.
- Wear disposable powder-free gloves at any stage of running the sample preparation. Change gloves when changing work areas or if you suspect that they are contaminated.
- Handle all reagents with care.
- Treat all biological materials as potentially biohazardous, including all field samples.
- Never pipette anything by mouth. There should be no eating, drinking or smoking in areas designated for using kit reagents and handling field samples.
- Use nuclease-free lab ware (e.g., pipettes, pipette tips, reaction vials).
- To avoid cross-contamination of samples and reagents, use aerosol-barrier pipette tips.
- Strict adherence to the test protocol will lead to achieving the best results.
- Dedicate an airspace for kit storage/reagent preparation and sample preparation.
- Adhere to the expiration date of the lysis buffer.



2.2 Procedure

1. Place 100 µL of enriched sample in 1.5 mL microtube.
2. Add 100 µL of Extraction Reagent to sample.
3. Vortex sample at high speed to mix well.
4. Place tube in heating block at 95 °C for 30 minutes.
5. Cool sample to room temperature and add 100 µL of Stabilisation Buffer.
6. Vortex sample at high speed to mix well.
7. Centrifuge for a few seconds to get samples off the lid.
8. Use as sample for subsequent testing with the vetproof® *Salmonella* Species qPCR Kit or the vetproof® *Salmonella* Species-Enteritidis-Typhimurium qPCR Kit.

3. Supplementary Information

Symbols Glossary

| | | | |
|------------|--------------------------|--|---------------------------------------|
| REF | Product Reference Number | | Expiry (Expiration) Date |
| | Kit Size/Reactions | | Protect from Moisture |
| | Store at | | Protect from Heat and Direct Sunlight |
| | Batch | | Manufacturer |

Quality Control

All products are monitored by our quality control on a batch-to-batch basis. A certificate of analysis (CoA) is available from BioChek B.V.

Ordering Information

This kit and associated products are available from BioChek B.V. For a complete overview and for more information, please visit our website.

Trademarks

vetproof® is a trademark of Hygiena® Diagnostics GmbH.

Warranty and Disclaimer of Liability

“Limited Warranty” and “Disclaimer of Liability”: BioChek B.V. warrants that this product is free from defects in materials and workmanship through the expiration date printed on the label and only if the following are complied with:

1. The product is used according to the guidelines and instructions set forth in the product literature;
2. BioChek B.V. does not warrant its product against any and all defects when: the defect is a result of material or workmanship not provided by BioChek B.V.; defects caused by misuse or use contrary to the instructions supplied, or improper storage or handling of the product;
3. All warranties of merchantability and fitness for a particular purpose, written, oral, expressed or implied, shall extend only for a period of one year from the date of manufacture. There are no other warranties that extend



- beyond those described on the face of this warranty;
4. BioChek B.V. does not undertake responsibility to any purchaser of its product for any undertaking, representation or warranty made by any dealers or distributors selling its products beyond those herein expressly expressed unless expressed in writing by an officer of BioChek B.V.;
 5. BioChek B.V. does not assume responsibility for incidental or consequential damages, including, but not limited to responsibility for loss of use of this product, removal or replacement labor, loss of time, inconvenience, expense for telephone calls, shipping expenses, loss or damage to property or loss of revenue, personal injuries or wrongful death;
 6. BioChek B.V. reserves the right to replace or allow credit for any modules returned under this warranty.

Regulatory Disclaimers

For *in vitro* use only.

Regulatory requirements vary by country; this product may not be available in your geographic area.

For information on availability, please contact BioChek B.V.

4. Revision Index

Version 1: New document.

Version 2: Minor changes to Description of test, Materials and equipment, Warnings and precautions and Recommended workflow protocol and Symbol Glossary.

Version 3: Added BioChek USA contact details.

Version 4: Minor change to Warnings and precautions.

Revision A: Changed name, product code, layout insert, number of reactions, volume per vial, product instructions and manufacturer information.

5. Supplier Information

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