ANCHOR
DIAGNOSTICS

SpeedPURE® Dilution Buffer

Instructions for Use

RUO

For Research Use Only

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REF AP03441

100

AP03492-EN, 2026-07-24

+15°C to +25°C

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1 ▸ Application

For certain sample types, such as stool specimens, pre-treatment is recommended prior to processing with SpeedPURE® kits. Due to the physical characteristics of stool samples, suspension of the material is generally required before nucleic acid extraction. For this purpose, the SpeedPURE® Dilution Buffer was developed to improve nucleic acid yield and reduce potential PCR inhibition associated with such samples.

2 ▸ Protocol

For best performance, we recommend suspending stool samples in SpeedPURE® Dilution Buffer:

- Prepare an empty 2 ml reaction tube with 1,000 µL of SpeedPURE® Dilution Buffer
- Transfer approx. 100 mg (pea-sized amount) or 100 µL of stool sample into a reaction tube containing the Dilution Buffer
- Pulse-vortex sample three times at maximum speed
- For best nucleic acid yields, we recommend different centrifugation protocols depending on the pathogen type:
  - Centrifuge samples for 5 min at 4,500 g for the isolation of viruses
  - Centrifuge samples for 1 min at 500 g for the isolation of bacteria/fungi

Add 200 µl of the supernatant to the Lysis Buffer and follow the Instructions for Use of your specific SpeedPURE® kit.

Instructions for Use – SpeedPURE® Dilution Buffer

3 ▸ Symbols

Batch code

Product - Catalog number

For research use only

Unique Device Identifier

Catalog number and version
Consult Instructions for Use

Contains sufficient reagents for <N> extractions

Temperature limits for storage

Manufacturer

Global Trade Item Number

Unique Formula Identifier (EU) 1272/2008

4 ▶ Trademarks and Disclaimers

SpeedPURE® (ANCHOR Diagnostics GmbH)
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AP03492-EN, 2026-07-24