



SpeedPURE[®] Dilution Buffer

Instructions for Use


RUO

For Research Use Only


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REF AP03441

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 +15°C to +25°C

 **ANCHOR** Diagnostics GmbH
Grandweg 64
D-22529 Hamburg

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:

- Transfer approx. 100 mg (pea-sized amount) or 100 µL of stool sample into an empty 2 ml reaction tube
- Add 1000 µL SpeedPURE® Dilution Buffer to the sample
- Vortex sample at maximum speed for at least 30 seconds until it is resuspended
- For best nucleic acid yields, we recommend different centrifugation protocols depending on the pathogen type. Centrifuge samples
 - for 5 min at 4500 g for the isolation of viruses
 - for 1 min at 500 g for the isolation of bacteria/fungi
- Add 200 µL of the supernatant to the lysis buffer of the SpeedPURE® kit according to the instructions for use of your specific SpeedPURE® kit

3 ▶ Symbols

-  **LOT** Batch code
-  **REF** Product - Catalog number
-  **RUO** For research use only
-  **UDI** Unique Device Identifier
-  Catalog number and version
Consult Instructions for Use
-  Contains sufficient reagents for <N> extractions
-  Temperature limits for storage
-  Manufacturer
-  **GTIN** Global Trade Item Number
-  **UFI** Unique Formula Identifier (EU) 1272/2008

4 ▶ Trademarks and Disclaimers

SpeedPURE® (ANCHOR Diagnostics GmbH)

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Grandweg 64
22529 Hamburg | Germany
phone: +49 40 52 471 62 0
www.anchor-diagnostics.com