

Manual

StoolSave™ DNA Protection kit

Stool samples collecting kit, ensuring protection and stabilization of nucleic acids in the collected material. The stabilized samples can be stored for several months at room temperature.

catalog #	size
006-10	10 pcs
006-50	50 pcs
006-100	100 pcs

For research use only.

Guarantee

A&A Biotechnology provides a guarantee on this product.

The company does not guarantee the correct performance of this kit in the event of:

- not adhering to the supplied protocol
- use of not recommended equipment or materials
- use of other reagents than recommended or which are not a component of the product
- use of expired or improperly stored product or its components

Advantages

- Easy to self-collect.
- Transport and storage of collected material at room temperature.
- Convenient storage of samples for downstream application.
- Compatibility with various DNA purification kits.

Description

StoolSave™ DNA Protection kit is a convenient and easy-to-use kit for collection, transportation and storage of stool samples at room temperature. The kit includes **StoolSave™ DNA** tubes filled with a buffer that stabilizes nucleic acids. Stabilized samples can be used for microbiome analysis.



Contents

component	006-10	006-50	006-100	storage
StoolSave™ DNA tube	10 pcs	50 pcs	100 pcs	15–25 °C

Sample collection

1. Unscrew the cap of the **StoolSave™ DNA tube** and, using the spoon attached to the cap, collect one scoop of stool (approximately 1 gram).

Attention. We recommend suspending stool samples immediately after collecting the material. Freezing samples not suspended in solution does not protect nucleic acids from degradation.

2. Place the sample in the **StoolSave™ DNA tube**.

3. Screw the **StoolSave™ DNA tube** tightly and shake to obtain a homogeneous mixture.

Note. The sample can be mixed by vortexing.

Attention. This is the key step to ensure efficient stabilization of the nucleic acids in the sample especially for microbiome analysis.

4. Store the collected material:

- Up to several months at room temperature.
- Up to 12 months at +2 °C to +8 °C.
- Beyond 12 months at -20 °C, -80 °C.

Additional information

We recommend the [MagnifiQ™ Genomic DNA kit](#) for effective purification of high-quality DNA from stool samples.

Transfer 500 µl of stool sample suspended in conservation solution (**StoolSave™ DNA Protection kit**) to the 2 ml screwed Bead-beat tube containing zirconia beads and follow the protocol provided within MagnifiQ™ Genomic DNA kit.



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version 2024-2

