



Stool Storage Tube with DNA Stabilisation Solution

Product No: K.BUF-9107-30ml

Stool Storage Tube with DNA Stabilisation Solution is designed for collecting, preserving, and storing stool samples for DNA extraction. It contains a non-lysis solution to ensure the stability of sample. The collected samples can be stored at room temperature for at least two years.

Storage and Stability

Store the product at room temperature (21 °C – 25 °C). The product expiration date is printed on the label. The collected stool samples can be stored at room temperature for at least 2 years; –20 °C and –80 °C for long-term storage.

Precautions for User

- ✓ Do not ingest, touch, or remove the reagent from the tube. In case of contact, wash affected area with a copious amount of water; seek medical attention.
- ✓ Check the package before use. Do not use the product if the package is damaged.
- ✓ Do not reuse the tube. Keep the contents in the tube and discard according to local disposal regulations.
- ✓ If precipitation is observed in the solution, incubate at 37 °C with swirling to dissolve.

Materials Supplied by User

- ✓ Clean collection container/ stool collection kit

Protocol: Stool Sample Collection

Stool Sample Collection

1. Collect stool samples in a clean collection container/ stool collection kit (not provided).
Note: Do not collect stool sample that is contaminated with urine or toilet water.
2. Use the integrated spoon (attached to the lid) to transfer **up to 2.5 g of stool sample** into the stool storage tube or until the liquid level reaches the red line mark.
3. Close and tighten the tube cap and shake vigorously to create a suspension. The stool suspension is ready to store at room temperature for at least 2 years. For long-term storage, store the stool sample at –20 °C or –80 °C.
Note: Ensure the tube cap is tightly closed to avoid spillage. Foaming/ frothing is normal during shaking.

DNA Extraction After Storage

1. Thaw the stool sample to room temperature if stored at –20 °C or –80 °C.
2. Transfer the beads in stool bead tube into a sterile microcentrifuge tube (not provided).
3. Shake to mix the thawed stool sample thoroughly. Transfer ~200 – 600 µL of the stool mixture into the empty stool bead tube.
4. Centrifuge at 16,000 x g for 2 minutes and discard the supernatant.
Note: If the amount of stool is insufficient for downstream processes, repeat Step 1 to 3.
5. Transfer the beads in Step 2, back to the stool bead tube. Proceed to the next step of DNA extraction protocol.



Product Ordering Information

Product Number	Product Description	Remarks
KIT-9070-10	PrimeWay Stool DNA Extraction Kit, 10 preps	For 10 preps of stool DNA extraction
KIT-9070-50	PrimeWay Stool DNA Extraction Kit, 50 preps	For 50 preps of stool DNA extraction

Please contact us at <https://base-asia.com/contact/> for more information.