



Stool DNA Collection Kit, 10mL

Product No: K.BUF-9107

Stool DNA Collection Kit 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.

Kit Contents

No	Product	K.BUF-9107-2 2 preps	K.BUF-9107-10 10 preps	K.BUF-9107-30 30 preps
1	Stool DNA Preservation Tube	1 x 2 tubes	5 x 2 tubes	15 x 2 tubes
2	Plastic Spoon	1 x 2 pcs	5 x 2 pcs	15 x 2 pcs
3	Biospecimen Hazard Bag	1 x 2 pcs	5 x 2 pcs	15 x 2 pcs

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.

Product Specification

	K.BUF-9107
Sample Type	Solid Stool
Preservation Solution Volume	10 mL
Beads	2 steel beads
Stool Input	Up to 2.5g

Materials Supplied by User

- ✓ Clean collection container/ stool collection kit

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.



Protocol:

(A) 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 provided spoon 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 $-20\text{ }^{\circ}\text{C}$ or $-80\text{ }^{\circ}\text{C}$.
Note: Ensure the tube cap is tightly closed to avoid spillage. Foaming/ frothing is normal during shaking.

Illustration:





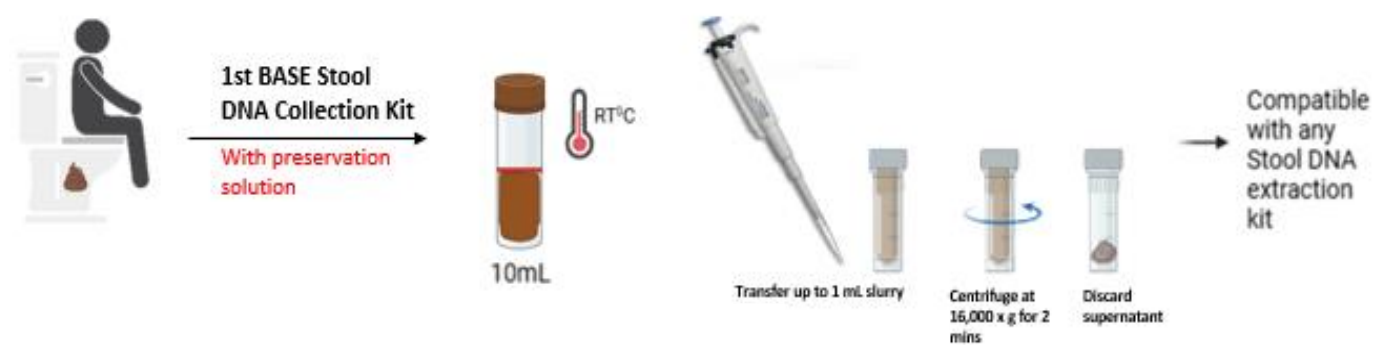
(B) DNA Extraction After Storage

1. Thaw the stool sample to room temperature if stored at $-20\text{ }^{\circ}\text{C}$ or $-80\text{ }^{\circ}\text{C}$.
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 **up to 1 mL** of the stool mixture into the empty stool bead tube.
4. Centrifuge at $16,000 \times g$ for 2 minutes and discard the supernatant.

Note: If the amount of stool is insufficient for downstream processes, repeat Step 1 to 3.

Transfer the beads in Step 2, back to the stool bead tube. Proceed to the next step of DNA extraction protocol.

Illustration:



Product Ordering Information

Product Number	Product Description	Remarks
K.BUF-9107-2	1 st BASE Stool DNA Collection Kit, 2 preps	For 2 preps of stool DNA collection
K.BUF-9107-10	1 st BASE Stool DNA Collection Kit, 10 preps	For 10 preps of stool DNA collection
K.BUF-9107-30	1 st BASE Stool DNA Collection Kit, 30 preps	For 30 preps of stool DNA collection
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.