

1. Identification

Product name	Stool Sample Collection & Stabilization Kit
Cat. No	SC0010
Cat. No	SC0012

2. Description

The **Stool sample collection & stabilization kit** is designed for collection, transportation and storage of stool samples using a DNA stabilization buffer. The DNA stabilization buffer prevents degradation of DNA and ensures nucleic acid stability. The stabilized samples can be stored during various months at room temperatures and indefinitely at -20°C or -80°C.

3. Composition

Item	Quantity (Units)	
	SC0010	SC0012
Stool Collection & stabilization Tubes	10*	100*

* Stool Collection & stabilization Tubes Pre-filled with 8ml of DNA Stabilization Buffer.

4. Kit Storage

Store at room temperature, if there are any precipitates within the provided solutions solve these precipitates by warming carefully (up to 30°C). The functionality of the buffer is not influenced by the precipitates.

5. Advantages

- ✓ Easily self-collect.
- ✓ Ship stool samples at room temperature safely.
- ✓ No need to immediately process samples.
- ✓ The stabilized samples can be stored various months at room temperatures and indefinitely at -20°C or -80°C.
- ✓ Allows bacteria prelysis with very efficient and rapid isolation of high-quality DNA from stool sample.
- ✓ For extraction, several different methods can be used, the use of our **HigherPurity™ Stool DNA Isolation Kit** is recommended.
- ✓ Eliminates odour during processing.

6. Purification

Use the **HigherPurity™ Stool DNA Isolation Kit** which is based on a spin-column protocol for DNA purification.
For purification just transfer 1ml of the stabilized stool sample (Stool DNA Stabilizer with stool specimen) into a new 2.0 ml bead tube and follow the protocol provided within the **HigherPurity™ Stool DNA Isolation kit**.



DATA SHEET

Version: 03
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7. Safety precautions

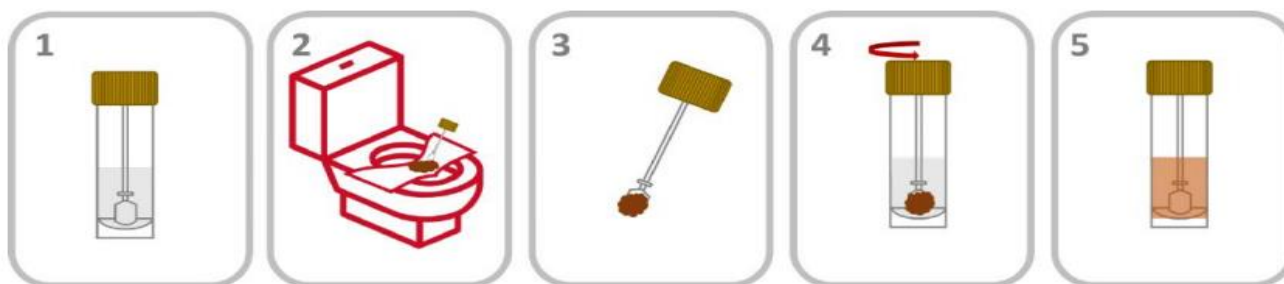
Do NOT remove DNA Stabilizer reagent from the tube.
Do NOT ingest the contents of the tube.
Wash with water if DNA Stabilizer reagent comes in contact with skin or eyes.

8. Further information

Product Use Limitations This product is developed, designed, and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Safety Information When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDS). These are available online in convenient and compact PDF format at www.canvaxbio.com where you can find, view, and print the MSDS for each CANVAX kit.

INSTRUCTIONS



- ✓ Use the spatula to collect a small amount of faecal sample (**1g approximately**).
- ✓ Transfer the faecal sample into the tube.
- ✓ Once the stool sample has been added the cap should be placed tightly back onto the tube.
- ✓ Shake the tube vigorously to mix (using a vortex if necessary), the faecal sample will be homogenised with the DNA stabilization buffer in the tube. Store or ship the stool sample at ambient temperature. Freezing at -20°C or -80°C is recommended for long-term storage (> 6 months).

