

Data sheet

Stool Sample Collection & stabilization Kit

Cat. No: SC010

Cat. No: SC011

Cat. No: SC012

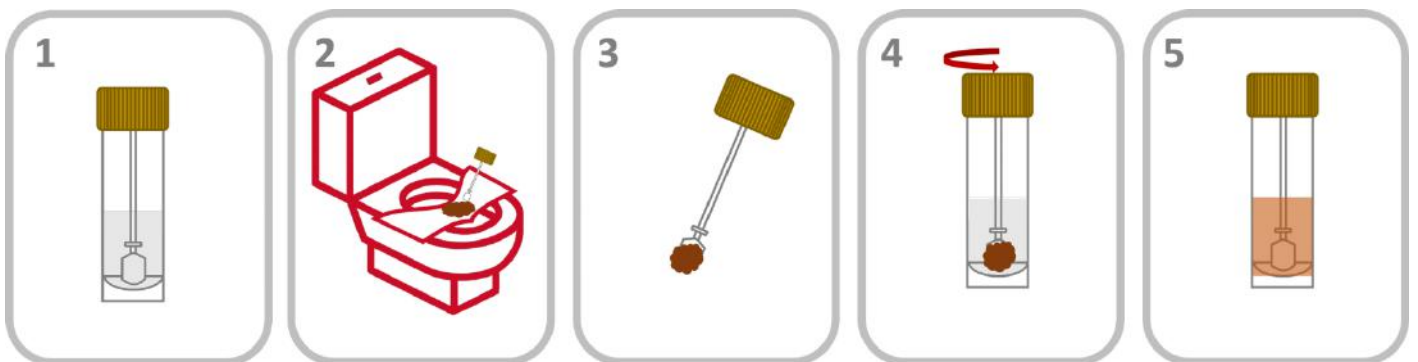
Description

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.

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.

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).

Kit Components

ITEM	010	011	012
Stool Collection & stabilization Tubes	10*	50*	100*
DNA stabilization buffer	-	-	-
Product Insert	1	1	1

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

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.

Notes

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**.

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.

Product use limitation

This product is developed, designed and sold exclusively for research purposes and in vitro use only. The product was not tested for use in diagnostics or for drug development. Please refer to www.canvaxbiotech.com for Material Safety Data Sheet of the product.