

Stool DNA Collection Tube Instructions

Composition

Cat. No.	4101001
Stool DNA Collection Tube	1
5 ml Centrifuge Tube Cap	1
Instructions	1

Storage

The reagents can be stored for up to 2 years at room temperature (0~30°C).

Technical Support

R&D Department, Hangzhou Simgen Biotechnology Co., Ltd. E-mail: technical@simgen.cn, Tel: 400-0099-857.

Introduction

After the Stool DNA Preservation Solution in this product is mixed with the stool sample, it can quickly penetrate into the microorganism in the stool, so that the microorganisms in the stool are in a semi-soluble state, and the enzymes in the microorganisms are quickly inactivated to achieve a stable state of DNA preservation. Stool samples stabilized with this product can be extracted with Simgen Stool DNA Extraction Kit (Cat. No. 4111050, matching Stool DNA Preservation Solution). Stool samples collected with this product can be stored at room temperature (15~25°C) for more than 6 months without DNA degradation, and at 2~8°C or lower for more than 2 years without DNA degradation.

Protocol

- 1. Unscrew the cap of the Stool DNA Collection Tube, pick a full spoonful of stool with the small spoon on the cap, close the cap tightly, and immediately vortex and shake until all the stool pellets are dispersed and dissolved, and the stool are eluted into the Stool DNA preservation solution of the collection tube.**

* If the Stool pellets are hard and difficult to disperse, please use a pipette tip or grinding rod to mash the stool pellets, otherwise the bacteria in the stool will not be penetrated by the Stool DNA Preservation Solution, which will lead to the degradation of bacterial DNA.

- 2. Discard the cap containing the spoon, replace it with a clean 5 ml Centrifuge Tube Cap and re-cap the Collection Tube, and store the stool sample at room temperature or 2-8°C.**