

# Stool DNA Reagent

(Fecal DNA protection reagent)

## Introduction

Stool DNA Reagent is a safe type of stool DNA protectant. It can quickly penetrate into lytic cells, inactivate nuclease, and protect DNA from degradation. Fecal samples soaked in the reagent and fully dispersed can be stored at room temperature (25°C) for 2 weeks, 4°C for 1 month, or -20°C/-80°C for long-term storage.

## Content

Product Content	P8330
Stool DNA Reagent	500 ml

## Storage

Stool DNA Reagent can be stored at room temperature for 18 months. If crystallization occurs during storage, dissolve it completely in a 55°C water bath.

## Usage

1. Take 0.2-1g stool sample into 5-15ml centrifuge tube.
2. Add 10 times the volume of Stool DNA Reagent to the sample immediately.
3. Vortex and break up the sample fully so that the fecal sample is fully dispersed into the preservation solution.
4. Can be stored at room temperature (15-25°C) for 2 weeks, 2-8°C for 1 month, and -20°C for a long time.

## DNA extraction process

The product contains SDS/EDTA components, which can lyse most cells/bacteria for DNA extraction. The sample is fully re-suspended first, and 0.8-1.5ml of re-suspension is taken for DNA extraction. Magen D3141 (Spin Column extraction) or D6364 (Magnetic Bead extraction) is recommended for extraction.