



# MGIEasy

## Stool Sample Collection Kit

**Instructions for Use**

Version: 4.0

Research Use  
Only

**Wuhan MGI Tech Co., Ltd.**

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## About the instructions for use

This instructions for use is applicable to MGIEasy Stool Sample Collection Kit. The version of the instructions for use is 4.0, and the kit version is 2.0.

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## Revision history

Version	Date	Description
4.0	May 27, 2024	Changed the main components and the operating procedures
3.0	October 30, 2023	Revision
2.0	March 24, 2023	Revision
1.0	February 13, 2023	Initial release

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# Chapter 1 Introduction

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## 1.1 Product name

MGIEasy Stool Sample Collection Kit

## 1.2 Specification

Cat. No.	Specification
1000003702	1 Prep/Kit

## 1.3 Intended use

MGIEasy Stool Sample Collection Kit is applicable to the preservation of fresh stool sample. The preserved sample can be used for nucleic acid extraction, qPCR, high-throughput sequencing and other downstream applications.

## 1.4 Working principle

This collection kit can inactivate sample and maintain the stability of human DNA and microbial DNA in stool sample at room temperature.

## 1.5 Main components

Table 1 Main components and specifications

Component	Specification & Quantity
Stabilizing agent	1 tube
Specimen collection swab	1 EA
Disposable gloves	1 EA
Sealing bag	1 EA
Sampling paper	1 PCS

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## 1.6 Storage condition and validity period

Storage condition	2 °C to 40 °C
Transportation condition	2 °C to 40 °C
Validity period	18 months
Expiration date	Refer to the bottom of the outer packaging of the kit

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## 1.7 Sample requirements

The sample can be stored and transported stably in this product for 7 to 14 days at 2 °C to 40 °C .

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# Chapter 2 Operation

Perform the following steps:

1. Unpack the kit and check whether the kit components are all in readiness.
2. Collect the sample:
  - In squat toilet  
Excrete stool in a clean toilet and collect it within 10 minutes as the sample. Ensure that the sample is not contaminated by the urine.
  - In sitting toilet
    - a. Lift the toilet seat and stick the sampling paper on the left and right sides of the toilet respectively. Ensure that the middle part of the paper sinks in order to collect the stool.
    - b. Close the toilet seat and excrete the stool on the paper. Ensure that the sampling paper is not contaminated by the urine.
3. Wear disposable gloves and take out the specimen collection swab. Avoid touching the swab tip.
4. Insert the swab tip into the stool sample and rotate the tip until it is fully coated with the sample and changes its color. Avoid contacting with urine or other secretions.
5. Open the cap of the stabilizing agent and push the handle of the swab to insert the swab into the stabilizing agent.
6. Screw the cap tightly and invert the tube to mix them thoroughly.

7. Put the stool sample into the sealing bag and store or transport it at room temperature.
8. After sampling, flush the sampling paper into the toilet.

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## Chapter 3 Warnings and precautions

- This product is for research use only, and cannot be used for clinical diagnosis. Please read this instructions for use carefully before use.
- It is recommended to pick up the ones of a soybean seed size (about 0.5 g) instead of the large pieces of stool.
- Reagents and samples may cause personal injury through skin or eye contact. If you accidentally splash reagents or samples on your skin or into your eyes, immediately flush the affected area with large amounts of water and seek medical aid.
- Keep the kit out of reach of children.

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## Appendix 1 Manufacturer information

Manufacturer	Whuan MGI Tech Co., Ltd.
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Part No.: H-020-000647-00

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