



# Certificate of Analysis

**PRODUCT:** *MagicPure*<sup>®</sup> Stool and Soil Genomic DNA Kit

**CAT. NO.**  
EC801-11

**AMOUNT**  
2 \* 50 rxns

**LOT NUMBER**  
O10810

**SHELF LIFE**  
One year

**STORAGE CONDITIONS**  
At room temperature (15-25°C) for one year.

**SHIPPING CONDITIONS**  
At room temperature.

## DESCRIPTION

*MagicPure*<sup>®</sup> Stool and Soil Genomic DNA Kit provides a simple and fast method to isolate and purify genomic DNA from stool or soil samples. To achieve effective removal of inhibitors and contaminants in solid and liquid samples, unique lysis buffer is designed and magnetic beads are used for specific binding to DNA. The isolated DNA is suitable for various molecular biology general experiments, such as PCR, qPCR and Next Generation Sequencing, etc. This kit is compatible with high-throughput automated nucleic acid purification instruments using magnetic rods.

## PACKAGE CONTENTS

Component	EC801-11
Lysis Buffer 31 (LB31)	50 ml
Lysis Buffer 35 (LB35)	30 ml
Precipitation Buffer 31 (PB31)	12.5 ml
Precipitation Buffer 35 (PB35)	12.5 ml
Binding Buffer 31 (BB31)	10 ml
Clean Buffer 31 (CB31)	36 ml
Wash Buffer31 (WB31)	15 ml
Elution Buffer (EB)	10 ml
Magnetic Stool and Soil Beads	1 ml
Glass Beads	12.5 g

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## QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	Except for the magnetic bead suspension, each liquid component is clear without precipitates or floccules, and the colors of components in this batch show no significant difference from that of the control batch.	Met standards
Stool and Soil Genomic DNA Extraction	1. Genomic DNA can be effectively extracted from stool and soil sample.	Met standards
	2. Input of 50 ng of the extracted DNA as the PCR template can result in successful amplification of 16S gene.	Met standards



# Notice to Purchaser

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All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses. If you have any further questions about this Certificate of Analysis, please contact us at +86-10-57815027 or +86-400-898-0321.

TransGen Biotech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of TransGen Biotech Co., Ltd.

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A handwritten signature in black ink that reads "Heng Zheng".

Manager, Quality Control Department

16/8/2020