



# Certificate of Analysis

**PRODUCT:** *EasyPure*<sup>®</sup> Genomic DNA Kit

**CAT. NO.**  
EE101

**AMOUNT**  
2\*50 rxns

**LOT NUMBER**  
P10401

**SHELF LIFE**  
One year

**STORAGE CONDITIONS**

RNase A at -20°C for two years; others at room temperature (15-25°C) in a dry place for one year.

**SHIPPING CONDITIONS**

RNase A on dry ice; others at room temperature.

**DESCRIPTION**

*EasyPure*<sup>®</sup> Genomic DNA Kit provides a simple and convenient way to efficiently isolate high-quality genomic DNA from a variety of materials (mammalian cells, tissues, mouse tails, *E. coli* and yeast). Cells and tissues are enzymatically lysed. DNA is specifically bound to silica-based column. The isolated DNA is suitable for PCR, restriction enzyme digestion and Southern blot, etc.

- Fast extraction, high yield (up to 15 µg).
- High integrity of cDNA ensured by mild lysis conditions without physical disruption, thus reducing damage to gDNA during cell lysis process
- High purity enabled by spin column which can efficiently and specifically bind to DNA and removes protein, salts, lipids or other contaminants.

**PACKAGE CONTENTS**

Component	EE101-01 (50 rxns)	EE101-02 (200 rxns)
	EE101-11 (50 rxns)	EE101-12 (200 rxns)
Lysis Buffer 2 (LB2)	6 ml	24 ml
Binding Buffer 2 (BB2)	28 ml	110 ml
Clean Buffer 2 (CB2)	1 ml	60 ml
Wash Buffer 2(WB2)	12 ml	2×22 ml
Elution Buffer (EB)	25 ml	80 ml
RNase A (20 mg/ml)	1 ml (EE101-01)	4×1 ml (EE101-02)
	0 (EE101-11)	0 (EE101-12)
Proteinase K (20 mg/ml)	1 ml	4×1 ml
Genomic Spin Column with Collection Tubes	50 each	200 each

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## QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	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
Genomic DNA Extraction	1. Genomic DNA can be effectively extracted from sample.	Met standards
	2. The concentration and purity of DNA extracted by this batch of products are consistent or comparable with that of the control batch (tested by agarose gel electrophoresis and OD quantification).	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

03/04/2021