



# Certificate of Analysis

**PRODUCT:** *MagicPure*<sup>®</sup> Blood Genomic DNA Kit

**CAT. NO.**  
EC101

**AMOUNT**  
2\*50 rxns

**LOT NUMBER**  
O10818

**SHELF LIFE**  
One year

**STORAGE CONDITIONS**

Proteinase K solution at -20°C for two years;  
Magnetic Blood Beads at 2-8°C for one year  
(protected from freezing); others at room  
temperature (15°C-25°C) for one year.

**SHIPPING CONDITIONS**

Proteinase K on dry ice; Magnetic Blood  
Beads on ice bag; others at room temperature.

**DESCRIPTION**

*MagicPure*<sup>®</sup> Blood Genomic DNA Kit provides an easy, fast, and effective method for isolating high-quality DNA. This kit is based on the specific interaction between nucleic acids and magnetic beads in the presence of specially formulated buffer. *MagicPure*<sup>®</sup> Blood Genomic DNA Kit is designed for the purification of genomic DNA from (50 µl -250 µl) of fresh or thawed whole blood and can also be used on automated Nucleic acid purification workstations. The isolated DNA is ready for downstream applications such as PCR, sequencing, enzyme digestion or Southern blotting procedures.

- Simple and fast, no centrifugation required
- High yield and quality

**PACKAGE CONTENTS**

Component	EC101-01/11 (50 rxns)
Binding Buffer 17 (BB17)	18 ml
Clean Buffer 17 (CB17)	50 ml
Wash Buffer 17 (WB17)	12 ml
Elution Buffer (EB)	10 ml
Proteinase K (20 mg/ml)	1 ml
Magnetic Blood Beads	800 µl
Magnetic Stand (16 hole)	1 each/-

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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
Blood Genomic DNA Extraction	1. Genomic DNA can be effectively extracted from blood 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

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