



Certificate of Analysis

PRODUCT: *EasyPure*[®] Bacteria Genomic DNA Kit

CAT. NO.
EE161

AMOUNT
2*50 rxns

LOT NUMBER
O30717

SHELF LIFE
One year

STORAGE CONDITIONS

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

SHIPPING CONDITIONS

RNase A on dry ice; others at room temperature.

DESCRIPTION

EasyPure[®] Bacteria Genomic DNA Kit uses lysozyme and moderate lysis buffer to lyse cells. Proteinase K is used for protein digestion and RNase A used for RNA digestion. DNA is specifically bound to silica-based column in hypersaline condition, and DNA is eluted by low salt and high pH solution. This kit is suitable for isolating high quality genomic DNA from Gram-positive and Gram-negative bacteria. The isolated DNA is suitable for PCR, restriction enzyme digestion, and Southern blot.

- Fast: the whole process can be completed in 50 minutes
- High yield: DNA yield up to 20 µg

PACKAGE CONTENTS

Component	EE161-01 (50 rxns)
	EE161-11 (50 rxns)
Resuspension Buffer11 (RB11)	12 ml
Lysis Buffer11 (LB11)	6 ml
Binding Buffer11 (BB11)	10 ml
Clean Buffer 11 (CB11)	55 ml
Wash Buffer 11 (WB11)	12 ml
Elution Buffer (EB)	25 ml
RNase A (10 mg/ml)	1 ml (EE161-01)
	0 (EE161-11)
Proteinase K (20 mg/ml)	1 ml
Genomic Spin Columns with Collection Tubes	50 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 Gram-positive and Gram-negative bacteria samples.	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

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". The signature is written in a cursive style and is positioned above a faint rectangular stamp.

Manager, Quality Control Department

22/07/2020