



Certificate of Analysis

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

CAT. NO.
EE111-MP-S1

AMOUNT
2*50 rxns

LOT NUMBER
P50819

SHELF LIFE
One year

STORAGE CONDITIONS
Store at room temperature (15-25°C) for one year.

SHIPPING CONDITIONS
At room temperature.

DESCRIPTION

EasyPure[®] Plant Genomic DNA Kit provides a simple and convenient way to isolate high quality plant genomic DNA from plant tissues (up to 100 mg). Plant tissue is disrupted by grinding in liquid nitrogen, and DNA is released with detergent. Proteins, polysaccharides, and cell debris are eliminated by precipitation. DNA is bound to silica-based column. The isolated genomic DNA is suitable for PCR, restriction enzyme digestion and southern blotting.

- DNA yield up to 15 µg.
- Complete removal of pigment, polysaccharides and other impurity.
- DNA range of 20-50 kb.
- Column based purification, no organic extraction or ethanol precipitation.

PACKAGE CONTENTS

Component	EE111-MP-S1 (50 rxns)	SY-EE111-MP (8rxns)
Resuspension Buffer1 (RB1)	50 ml	8 ml
Precipitation Buffer1 (PB1)	12 ml	1.92 ml
Binding Buffer1 (BB1)	16 ml	2.56 ml
Clean Buffer 1 (CB1)	30 ml	4.8 ml
Wash Buffer 1 (WB1)	15 ml	2.4 ml
Elution Buffer (EB)	25 ml	4 ml
Genomic Spin Column with Collection Tubes	50 each	8 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 various plant 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

20/08/2021