



Certificate of Analysis

PRODUCT: *EasyPure*[®] Plasmid MiniPrep Kit

CAT. NO.
EM101

AMOUNT
50 rxns/ 200 rxns

LOT NUMBER
P40612

SHELF LIFE
Specified on product label.

STORAGE CONDITIONS
RNase A at -20 °C;
Others at room temperature

SHIPPING CONDITIONS
RNase A on dry ice (-70 °C);
Others at room temperature (15-25 °C)

DESCRIPTION

EasyPure[®] Plasmid MiniPrep Kit uses a modified alkaline lysis method to isolate high-quality plasmid DNA from 1-4 ml bacterial culture. Unique formulated lysis buffer and neutralization buffer permit error-free visual identification of complete bacterial cell lysis and neutralization. The purified plasmid DNA is suitable for a variety of molecular biology applications, including restriction enzyme digestion, transformation and DNA sequencing.

- Simple and fast: the whole procedure can be performed in 20 minutes.
- High yield: DNA yield up to 40 µg.
- Error-free visualization: colored buffers to visualize lysis and neutralization.

PACKAGE CONTENTS

Component	EM101-01 (50 rxns)	EM101-02 (200 rxns)
Resuspension Buffer (RB)	15 ml	60 ml
Lysis Buffer (LB, Blue)	15 ml	60 ml
Neutralization Buffer (NB, Yellow)	20 ml	80 ml
Wash Buffer (WB)	10 ml	2×20 ml
Elution Buffer (EB)	5 ml	10 ml
RNase A (10 mg/ml)	150 µl	600 ml
Spin Column with Collection Tubes	50 each	2×100 each

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QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	Each liquid component was clear without precipitates or floccules. The color of components in this batch showed no significant difference from control batch.	Meets standards
Plasmid DNA extraction	1. Plasmid DNA can be effectively extracted by this product.	Meets standards
	2. The concentration of DNA extracted by this batch of products was similar to or higher than that from control batch (tested by agarose gel electrophoresis and OD quantification).	Meets standards
	3. The purity of DNA (A260/A280, A260/A230) extracted by this batch of products was similar to or higher than that from control batch (tested by OD quantification).	Meets 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.

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A handwritten signature in black ink, appearing to read "Yangli Zhang".

Manager, Quality Control Department

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