

# Certificate of Analysis

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**PRODUCT:** *EasyPure*® miRNA Kit

**CAT. NO.**  
ER601

**AMOUNT**  
2 boxes

**LOT NUMBER**  
Q10501

**SHELF LIFE**  
One year

**STORAGE CONDITIONS**  
LB10 at 2-8 °C in dark for one year; others at room temperature (15 °C-25 °C) for one year.

**SHIPPING CONDITIONS**  
LB10 on ice bag (4 °C); others at room temperature.

## DESCRIPTION

*EasyPure*® miRNA Kit provides a simple and fast column based method to isolate small RNA ( $\leq 200$  nt) from cells, tissues, fresh blood and virus. Samples are lysed with lysis buffer. The addition of chloroform to the sample separates the solution into an upper colorless aqueous phase containing RNA, an interphase and a lower organic phase. High molecular RNA (28S rRNA, 18S rRNA, mRNA) is bound to a silica membrane. Small RNA in the flow-through can be bound to a miRNA spin column.

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## QUALITY CONTROL DATA

Assay	Standard	Result
Exterior	The liquid of each component should be clear without sediment or floc, and the color should not be significantly different from the control batch.	Meets standards
miRNA extraction	① It can effectively extract miRNA from target tissues or cells;	Meets standards
	② The extracted miRNA is used as a template for reverse transcription, and gene-specific primers are used for fluorescence quantitative PCR detection, which can effectively detect the target gene, and the results of this batch of products are consistent or similar to those of the control batch.	Meets 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

01/May/2022