



Certificate of Analysis

PRODUCT: *EasyScript*[®] Reverse Transcriptase [M-MLV, RNase H-]

CAT. NO.
AE101

AMOUNT
1000000 units/ 2000000 units

LOT NUMBER
P20713

SHELF LIFE
2 years

STORAGE CONDITIONS
Store at -20 °C

SHIPPING CONDITIONS
Dry ice (-70 °C)

DESCRIPTION

EasyScript[®] Reverse Transcriptase is an engineered version of M-MLV reverse transcriptase with deficient RNase H activity. The enzyme is purified to near homogeneity from *E.coli* containing the modified M-MLV RT gene.

- Deficient RNase H activity to reduce RNA template degradation during the first-strand cDNA synthesis.
- Anchored Oligo(dT)₁₈ Primer for higher yield and more full length cDNA.
- cDNA up to 8 kb.

PACKAGE CONTENTS

Component	AE101-G04	AE101-G05	AE101-G06	AE101-G07
<i>EasyScript</i> [®] RT	1000000 U	2000000 U	3000000 U	4000000 U
5×ES RT Buffer	20 ml	40 ml	60 ml	80 ml
Anchored Oligo(dT) ₁₈ Primer (0.5 µg /µl)	5 ml	10 ml	15 ml	20 ml

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QUALITY CONTROL DATA

Assay	Standard	Result
RT-PCR	1. The enzyme is used to perform RT-PCR from 200 ng RNA. Each tested gene can be amplified effectively. 2. The RT-PCR of this batch of products show consistent or similar results compared with products from the previous batch.	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".

Manager, Quality Control Department

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