



Certificate of Analysis

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

CAT. NO.
AE101

AMOUNT
1000000 units/ 2000000 units

LOT NUMBER
P10108

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.

TransGen Biotech Co., Ltd.
Building No.4, Zhongguancun
Dongsheng International Science
Park, No. 1 North Yongtaizhuang
Road, Haidian District, Beijing,
China

Postcode: 100192

Tel: +86-10-57815027
Fax: +86-10-57815000
Customer Service: +86-400-898-0321
Web site: www.transgenbiotech.com
E-mail: trans@transgen.com.cn
trade@transgen.com.cn

A handwritten signature in black ink that reads "Heng Zheng".

Manager, Quality Control Department

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