



# Certificate of Analysis

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**PRODUCT:** *EasyScript*<sup>®</sup> Reverse Transcriptase [M-MLV, RNase H-]

**CAT. NO.**  
AE101

**AMOUNT**  
1000000 units/ 2000000 units

**LOT NUMBER**  
O20910

**SHELF LIFE**  
2 years

**STORAGE CONDITIONS**  
Store at -20 °C

**SHIPPING CONDITIONS**  
Dry ice (-70 °C)

## DESCRIPTION

*EasyScript*<sup>®</sup> 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)<sub>18</sub> 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> <sup>®</sup> RT	1000000 U	2000000 U	3000000 U	4000000 U
5×ES RT Buffer	20 ml	40 ml	60 ml	80 ml
Anchored Oligo(dT) <sub>18</sub> 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

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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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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](http://www.transgenbiotech.com)  
E-mail: [trans@transgen.com.cn](mailto:trans@transgen.com.cn)  
[trade@transgen.com.cn](mailto:trade@transgen.com.cn)

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

Manager, Quality Control Department

13/9/2020