



Certificate of Analysis

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

CAT. NO.
AH101

AMOUNT
10000 units*2

LOT NUMBER
O10207

SHELF LIFE
Two years

STORAGE CONDITIONS
Store at -20 °C

SHIPPING CONDITIONS
Dry ice (-70 °C)

DESCRIPTION

TransScript[®] II Reverse Transcriptase is a recombinant M-MLV reverse transcriptase with deficient RNase H activity and increased thermostability. The enzyme is active at up to 55°C. It provides higher specificity, higher yield and more full-length cDNA products.

- Increased thermostability for more full-length cDNA products.
- Reaction temperature at 42°C-55°C.
- Deficient RNase H activity to reduce RNA template degradation during the first-strand cDNA synthesis.
- Anchored Oligo(dT)₂₀ Primer for higher yield and more full length cDNA.
- cDNA up to 15 kb.

PACKAGE CONTENTS

Component	AH101-02
<i>TransScript</i> [®] II RT	10000 U
10×TS II RT Buffer	100 µl
Anchored Oligo(dT) ₂₀ Primer (0.5 µg/µl)	50 µl

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QUALITY CONTROL DATA

Assay	Standard	Result
RT-PCR	1. 200 ng RNA can be effectively amplified. 2. The RT-PCR results of products from this batch are consistent or similar compared with products from the control batch.	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 that reads "Heng Zheng".

Manager, Quality Control Department

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