



Certificate of Analysis

PRODUCT: T7 High Efficiency Transcription Kit

CAT. NO.
JT101-02

AMOUNT
2 bags

LOT NUMBER
Q30525

SHELF LIFE
one year

STORAGE CONDITIONS
At -20 °C for one year

SHIPPING CONDITIONS
Dry ice (-70 °C)

DESCRIPTION

T7 High Efficiency Transcription Kit is designed for RNA synthesis by T7 RNA Polymerase with supercoiled or linearized DNA templates. This kit is suitable for production of large amount of RNA (up to 150 µg/per reaction) from DNA template size of 0.1-5 kb. Synthesized RNA can be used for in vitro translation, RNase protection assays, RNA splicing and hybridization based blots.

PACKAGE CONTENTS

Component	JT101-01 (25 rxns)
T7 Transcription Enzyme Mix	50 µl
5×T7 Transcription Reaction Buffer	100 µl
10 mM NTP Mix	100 µl
DNase I (1 unit/µl)	25 µl
500 mM EDTA (pH 8.0)	25 µl
RNase-free Water	500 µl
Control Transcription Template (0.5 µg/µl)	10 µl

QUALITY CONTROL DATA

Assay	Standard	Result
RNA Synthesis	<ol style="list-style-type: none">1. Able to synthesize RNA using supercoiled or linear DNA;2. Concentration and purity of RNA synthesized by his batch was similar or higher compared to 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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