

[Cat. No.] **EB-1003**

Introduction

5X Reaction buffer (for *CycleScript*[™] Reverse Transcriptase) is ready-to-use mixture for cDNA synthesis applying *CycleScript*[™] Reverse Transcriptase. It is composed of 150 mM Tris-HCl, 250 mM KCl and 10 mM MgCl₂, etc, and provides optimized reaction conditions for using *CycleScript*[™] Reverse Transcriptase. This product can be applied for first-strand cDNA synthesis from RNA, RT-PCR, qRT-PCR, etc.

Applications

- First-strand cDNA synthesis from RNA molecules
- RT-PCR
- Random priming reaction
- Library construction
- Probe labeling
- mRNA 5' end mapping by primer extension analysis

Components

Components	EB-1003
5X Reaction buffer (for <i>CycleScript</i> [™] Reverse Transcriptase)	1 ml

* Note: For research use only. Not for use in diagnostic or therapeutic procedures.

Buffer Composition

5X Reaction buffer (for <i>CycleScript</i> [™] Reverse Transcriptase)	150 mM Tris, 250 mM KCl, 10 mM MgCl ₂ , etc, pH 8.1
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Quality Control

- First-strand cDNA is synthesized using 200 U of *CycleScript*[™] Reverse Transcriptase. cDNA is amplified by PCR and target band is observed by gel electrophoresis.

Storage

Store at -20°C. If stored in the recommended temperature, this product will be stable until the expiration date printed out on the label.

Online Resources



Korean



English

Visit our **product page** for additional information and protocols.

Ordering Information

Description	Cat. No
5X Reaction buffer (for <i>CycleScript</i> [™] Reverse Transcriptase)	EB-1003

Notice

BIONEER corporation reserves the right to make corrections, modifications, improvements and other changes to its products, services, specifications or product descriptions at any time without notice.

Explanation of Symbols



Batch Code



Catalog Number



Caution



Consult Instructions For Use



Contains Sufficient for <n> tests



Research Use Only



Temperature Limitation



Use-by Date