

[Cat. No.] **EB-1001**

Introduction

10X Reaction buffer with MgCl₂ (for Taq DNA Polymerase) is ready-to-use mixture for Taq DNA Polymerase (E-2011, E-2011-2). It is composed of 100 mM Tris-HCl, 400 mM KCl, and 15 mM MgCl₂, and provides optimized reaction conditions for using Taq DNA Polymerase.

Applications

- Routine PCR
- SYBR Green-based qPCR
- Dual-labeled probe-based qPCR
- Primer extension
- TA cloning
- Gene sequencing

Components

Components	EB-1001
10X Reaction buffer with MgCl ₂ (for Taq DNA Polymerase)	1 ml

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

Buffer Composition

10X Reaction buffer with MgCl ₂ (for Taq DNA Polymerase)	100 mM Tris-HCl, 400 mM KCl, 15 mM MgCl ₂ , pH 9.0
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Quality Control

- PCR to amplify the product by the target size of 1 kb using human DNA and Lambda DNA as templates.

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
10X Reaction buffer with MgCl ₂ (for Taq DNA Polymerase)	EB-1001

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