Ion PGM™ Controls Kit v3

Catalog Number A30046

Pub. No. MAN0014586   **Rev.** A.0

⚠ **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from **thermofisher.com/support**.

Product description

The Ion PGM™ Controls Kit v3 (Cat. No. A30046) includes the following components:

- E. coli DH10B Genomic DNA Control (100 ng/µL) sufficient for preparing 3 libraries (1 µg control DNA per library)
- E. coli DH10B Control 200 Library sufficient for 10+ template preparation reactions (1 µL per reaction)
- E. coli DH10B Control 400 Library sufficient for 10+ template preparation reactions (1 µL per reaction)

Store the kit components as directed in the table.

The Ion PGM™ Controls Kit v3 is used in conjunction with the following kits:

- Ion PGM™ Hi-Q™ View OT2 Kit (Cat. No. A29900)
- Ion PGM™ Hi-Q™ View Chef Kit (Cat. Nos. A29902, A30798)
- Ion PGM™ Hi-Q™ View Sequencing Kit (Cat. No. A30044)

See the appropriate user guide for your kit, available on product pages at **thermofisher.com**, or on the Ion Community at **ioncommunity.thermofisher.com**, for more information.

Kit contents and storage

Component	Amount	Storage
E. coli DH10B Genomic DNA Control (100 ng/µL; red cap)	30 µL	-30°C to -10°C
E. coli DH10B Control 200 Library (blue cap)	12 µL	
E. coli DH10B Control 400 Library (orange cap)	16 µL	

Precautions

Handle biological samples and all other materials according to local laboratory guidelines and regulations. Avoid cross-contamination of samples and reagents to ensure quality results.

If equipment or reagents are used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

IMPORTANT! Do not substitute components in this kit with components from other Ion Torrent™ template kits. This protocol has been verified using these specific materials. Substitution may adversely affect system performance.

Note: Refer to the expiration date on the package label. Do not use kits after the expiration date.

Customer and technical support

Visit **thermofisher.com/support** for the latest in services and support, including:

- Worldwide contact telephone numbers
- Product support, including:
    - Product FAQs
    - Software, patches, and updates
- Order and web support
- Product documentation, including:
    - User guides, manuals, and protocols
    - Certificates of Analysis
    - Safety Data Sheets (SDSs; also known as MSDSs)

    Note: For SDSs for reagents and chemicals from other manufacturers, contact the manufacturer.

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale found on Life Technologies' website at **www.thermofisher.com/us/en/home/global/terms-and-conditions.html**. If you have any questions, please contact Life Technologies at **www.thermofisher.com/support**.

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