

# Ion PGM™ Controls Kit v3

Catalog Number A30046

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**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](http://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](http://thermofisher.com), or on the Ion Community at [ioncommunity.thermofisher.com](http://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](http://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

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The information in this guide is subject to change without notice.

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