

Ion 540™ Chip Kit

Catalog Number A27766

Pub. No. MAN0014035 Rev. A.0

Contents	Cat. no.	Quantity	Storage conditions
Ion 540™ Chip, 2 × 4-pack	A27766	8 chips	15°C to 30°C

 **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/techresources.

Description

The Ion 540™ Chip Kit contains barcoded chips for sample tracking and sequencing runs using the Ion S5™ and Ion S5™ XL Sequencer. During sequencing, the Ion 540™ Chip detects polymerase-driven base incorporation and translates this information into digital form.

The Ion 540™ Chip offers:

- Barcodes that provide sample tracking functionality.
- eFuse technology providing sample tracking functionality.
- Compatibility with all current library preparation methods.

Note: This product is compatible with the Ion Chef™ Instrument, Ion OneTouch™ 2 System, and Ion S5™ or Ion S5™ XL Sequencer workflows.

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.

Limited product warranty

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Customer and technical support

Visit thermofisher.com/techresources 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.

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

DISCLAIMER

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