

# Ion 530™ Chip Kit

Catalog Number A27764

Pub. No. MAN0014034 Rev. A.0

Contents	Cat. no.	Quantity	Storage conditions
Ion 530™ Chip, 2 × 4-pack	A27764	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](http://thermofisher.com/techresources).

## Description

The Ion 530™ Chip Kit contains barcoded chips for sample tracking and sequencing runs using the Ion S5™ and Ion S5™ XL Sequencer. During sequencing, the Ion 530™ Chip detects polymerase-driven base incorporation and translates this information into digital form.

The Ion 530™ 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

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- 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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