

Ion PI™ Hi-Q™ Chef Kit

Catalog Number A27198

Pub. No. MAN0010969 Rev. B.0

Note: For safety and biohazard guidelines, see the "Safety" appendix in the *Ion PI™ Hi-Q™ Chef Kit User Guide* (Pub. No. MAN0010967). Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Product description

The Ion PI™ Hi-Q™ Chef Kit enables robust and reproducible template preparation, chip loading, and sequencing of 200 base-read libraries on the Ion Chef™ System for the Ion Proton™ System workflow. The kit contains sufficient reagents and consumables for 8 reactions of template preparation, chip loading, and sequencing of Ion PI™ Chip v3s.

IMPORTANT!

- The Ion PI™ Hi-Q™ Chef Kit is compatible only with the Ion Chef™ System and the Ion Proton™ System.
- The Ion PI™ Hi-Q™ Chef Kit components are formulated and optimized specifically for use with the Ion Chef™ System and the Ion Proton™ System. They cannot be replaced or interchanged with other product kit components.
- Except for the "Empty" (waste) pipette tip rack, do not reuse any of the Ion Chef™ System consumables or reagents. All components loaded onto the Ion Chef™ Instrument are single-use only.

Note: When using the Ion PI™ Hi-Q™ Chef Kit (Cat. No. A27198), use of the barcoded chip kit is required for sample tracking during template preparation and chip loading on the Ion Chef™ System, followed by sequencing on the Ion Proton™ System.

Kit contents and storage

Part No.	Contents	Amount	Storage
A27283	Ion PI™ Hi-Q™ Chef Supplies, containing (per box); <ul style="list-style-type: none"> • Ion Chef™ Proton Chip Adapter (2) • Enrichment Cartridge v2 (1) • Tip Cartridge v2 (1) • PCR Plate and Frame Seal v2 (1) • Recovery Station Disposable Lid v2 (2) • Recovery Tube v2 (12) 	4 boxes	15°C to 30°C
A27282	Ion PI™ Hi-Q™ Chef Solutions	4 cartridges	-30°C to -10°C
A27284	Ion PI™ Hi-Q™ Chef Reagents	4 cartridges	
A26432	Ion PI™ Sequencing Nucleotides	1 box	
4488651	Ion Proton™ Sequencing Supplies	1 box	15°C to 30°C
A26430	Ion PI™ Hi-Q™ Sequencing 200 Solutions	1 box	2°C to 8°C

Handling and storage guidelines

To ensure the proper function of the Ion Chef™ System, handle and store the associated consumables and reagents according to the following guidelines:

- Store all consumables and cartridges under the recommended conditions listed above and in an upright position.
- Inspect all consumables and cartridges for damage upon arrival and again before use.
- Do not use after the expiration date. Refer to the expiration date on the package label.

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 - 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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Revision history: Pub. No. MAN0010969

Revision	Date	Description
B.0	12 January 2017	Rebranding
A.0	27 March 2015	New product information sheet

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Corporate entity: Life Technologies Corporation | Carlsbad, CA 92008 USA | Toll Free in USA 1 800 955 6288

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