

Ion PGM™ Hi-Q™ Chef Kit

Catalog Number A25948

Pub. No. MAN0010922 Rev. C.0

Note: For safety and biohazard guidelines, see the "Safety" appendix in the *Ion PGM™ Hi-Q™ Chef Kit User Guide* (Pub. No. MAN0010919). Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Product description

The Ion PGM™ Hi-Q™ Chef Kit enables robust and reproducible template preparation and chip loading on the Ion Chef™ System, and sequencing of up to 400 base-read libraries on the Ion PGM™ System, or the Ion PGM™ Dx System^[1] used in Assay Development mode (for Research Use Only experiments). The kit contains sufficient reagents and consumables for 8 reactions of template preparation, chip loading, and sequencing of Ion 314™ v2 BC, Ion 316™ v2 BC, or Ion 318™ v2 BC Chips.

^[1] Ion OneTouch™ Dx System with Torrent Suite™ Assay Development Software is For Research Use Only. Not for use in diagnostic procedures.

IMPORTANT! The Ion PGM™ Hi-Q™ Chef Kit components are formulated and optimized specifically for use with the Ion Chef™ System, the Ion PGM™ System, or the Ion PGM™ Dx System used in Assay Development mode (for Research Use Only experiments). They cannot be replaced with or substitute for other product kit components.

IMPORTANT! 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 PGM™ Hi-Q™ Chef Kit (Cat. No. A25948), use of a barcoded chip kit is required for sample tracking during template preparation, chip loading, and sequencing (for Research Use Only experiments).

Kit contents and storage

Part No.	Component	Amount per kit	Storage
A25957	Ion PGM™ Hi-Q™ Chef Supplies, containing (per box): <ul style="list-style-type: none"> • Chip Adapter v2 (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
A25956	Ion PGM™ Hi-Q™ Chef Solutions	4 cartridges	
A25955	Ion PGM™ Hi-Q™ Chef Reagents	4 cartridges	-30°C to -10°C
A25587	Ion PGM™ Sequencing Supplies	1 box	15°C to 30°C
A25590	Ion PGM™ Hi-Q™ Sequencing dNTPs	1 box	-30°C to -10°C
A25589	Ion PGM™ Hi-Q™ Sequencing Solutions	1 box	2°C to 8°C

Compatible Ion Chip Kits

Contents	Quantity	Cat. No.	Storage
Ion 318™ Chip Kit v2 BC	4 chips	4488146	15°C to 30°C
	8 chips	4488150	
Ion 316™ Chip Kit v2 BC	4 chips	4488145	
	8 chips	4488149	
Ion 314™ Chip Kit v2 BC	8 chips	4488144	

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: MAN0010922

Revision	Date	Description
C.0	8 January 2017	Ion PGM™ Calibration Standard removed from kit components list. It is now ordered separately [Cat. No. A27832].
B.0	28 January 2016	Rebranding
A.0	6 February 2015	New product information sheet

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