

Ion PGM™ Hi-Q™ View Chef Kits

Catalog Numbers A29902, A30798

Pub. No. MAN0014573 Rev. C.0

Note: For safety and biohazard guidelines, see the “Safety” appendix in the *Ion PGM™ Hi-Q™ View Chef Kits User Guide* (Pub. No. MAN0014571). 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™ View Chef Kits enable 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 kits contain 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.

The kits are configured for 4 or 8 Ion PGM™ Sequencer initializations. The Ion PGM™ Hi-Q™ View Chef Kit (Cat. No.

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

A29902) provides components for 4 initializations and 8 sequencing runs for 200 base-read sequencing (2 runs per initialization), while the Ion PGM™ Hi-Q™ View Chef 400 Kit (Cat. No. A30798) provides additional sequencing components allowing 8 initializations and sequencing runs for 400 base-read sequencing.

IMPORTANT! Kit components are formulated and optimized specifically for use with the Ion Chef™ System, and the Ion PGM™ System, or the Ion PGM™ Dx System (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™ View Chef Kit or the Ion PGM™ Hi-Q™ View Chef 400 Kit, 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.	Contents	Quantity per kit		Storage
		A29902	A30798	
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	4 boxes	15°C to 30°C
A25956	Ion PGM™ Hi-Q™ Chef Solutions	4 cartridges	4 cartridges	
A29901	Ion PGM™ Hi-Q™ View Chef Reagents	4 cartridges	4 cartridges	-30°C to -10°C
A25587	Ion PGM™ Sequencing Supplies	1 box	2 boxes	15°C to 30°C
A30275	Ion PGM™ Hi-Q™ View Sequencing Solutions	1 box	2 boxes	
A25590	Ion PGM™ Hi-Q™ Sequencing dNTPs	1 box	2 boxes	-30°C to -10°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.

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	

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 - 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.MAN0014573

Revision	Date	Description
C.0	6 January 2017	Ion PGM™ Calibration Standard removed from kit components list. It is now ordered separately [Cat. No. A27832].
B.0	11 August 2016	Title changed, and Ion PGM™ Hi-Q™ View Chef 400 Kit described more clearly.
A.0	6 July 2016	New product information sheet.

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