

Ion PGM™ Hi-Q™ View OT2 Kit

Catalog Number A29900

Pub. No. MAN0014581 Rev. C.0

Note: For safety and biohazard guidelines, see the “Safety” appendix in the *Ion PGM™ Hi-Q™ View OT2 Kit User Guide* (Pub. No. MAN0014579). 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 OT2 Kit (Cat. No. A29900) contains three boxes:

- Ion PGM™ OT2 Supplies (Part No. A27744)
- Ion PGM™ Hi-Q™ View OT2 Reagents (Part No. A29811)
- Ion PGM™ Hi-Q™ OT2 Solutions (Part No. A27742)

The Ion PGM™ Hi-Q™ View OT2 Kit contains template preparation reagents sufficient for 8 reactions for automated template preparation using the Ion OneTouch™ 2 System. The Ion PGM™ Hi-Q™ View OT2 Kit introduces the use of colored ISPs for easier sample visualization and reduced risk of sample loss. Use the kit together with the Ion PGM™ Hi-Q™ View Sequencing Kit (Cat. No. A30044) for sequencing on the Ion PGM™ System, or the Ion PGM™ Dx System used in Assay Development mode (For Research Use Only experiments)^[1]. Store the kit components as directed. For more information, see the *Ion PGM™ Hi-Q™ View OT2 Kit User Guide* (Pub. No. MAN0014579).

Kit contents and storage

Component	Amount	Storage
Ion PGM™ OT2 Supplies (Part No. A27744)		
Ion OneTouch™ Reagent Tubes	2 tubes	15°C to 30°C
Ion OneTouch™ Recovery Routers	8 routers	
Ion OneTouch™ Recovery Tubes	16 tubes	
Ion OneTouch™ Sipper Tubes	2 sipper tubes	
Ion OneTouch™ Amplification Plate	8 plates	
Ion OneTouch™ Cleaning Adapter	8 adapters	
Ion OneTouch™ Reaction Filter	8 reaction filters and tubes	
Ion OneTouch™ ES Supplies	12 pipette tips and 1 box of ES 8-well strips	
Ion PGM™ Hi-Q™ View OT2 Reagents (Part No. A29811)		
Ion PGM™ Hi-Q™ View Reagent Mix (violet cap)	8 × 800 µL	-30°C to -10°C (2°C to 8°C after thaw)
Ion PGM™ Hi-Q™ View Enzyme Mix (brown cap)	400 µL	-30°C to -10°C
Ion PGM™ Hi-Q™ View ISPs (black cap)	800 µL	

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

Component	Amount	Storage
Ion PGM™ Hi-Q™ OT2 Solutions (Part No. A27742)		
Ion OneTouch™ Breaking Solution (black cap)	2 × 1.2 mL	15°C to 30°C
Ion OneTouch™ Oil	450 mL	
Ion OneTouch™ Reaction Oil	25 mL	
Nuclease-free Water	30 mL	
Ion OneTouch™ Recovery Solution	350 mL	
Neutralization Solution	100 µL	
Ion OneTouch™ Wash Solution	16 mL	
MyOne™ Beads Wash Solution (green cap)	2 × 1.4 mL	
Tween™ Solution	6 mL	

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. Refer to the expiration date on the package label. Do not use kits after the expiration date.

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. The Ion PGM™ Hi-Q™ View Reagent Mix is shipped at -30°C to -10°C. Immediately before use, thaw tube(s) as needed. Store the thawed Ion PGM™ Hi-Q™ View Reagent Mix at 2°C to 8°C.

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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: MAN0014581

Revision	Date	Description
C.0	6 January 2017	Ion PGM™ Calibration Standard removed from components list. Item is now ordered separately (Cat. No. A27832).
B.0	18 July 2016	Part name corrections in Product description topic
A.0	8 April 2016	New product information sheet

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