

# Ion PI™ Hi-Q™ OT2 200 Kit

Catalog Number A26434

Pub. No. MAN0010859 Rev. B.0

**Note:** For safety and biohazard guidelines, see the “Safety” appendix in the *Ion PI™ Hi-Q™ OT2 200 Kit User Guide* (Pub. No. MAN0010857). 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™ OT2 200 Kit (Cat. No. A26434) contains three boxes:

- Ion OneTouch™ 2 Supplies (Part No. A26367)
- Ion PI™ Hi-Q™ OT2 Reagents 200 (Part No. A26428)
- Ion PI™ Hi-Q™ OT2 Solutions 200 (Part No. A26429)

The Ion PI™ Hi-Q™ OT2 200 Kit contains template preparation reagents sufficient for 8 reactions for automated template preparation using the Ion OneTouch™ 2 System. Use the kit together with the Ion PI™ Hi-Q™ Sequencing 200 Kit (Cat. No. A26433) for sequencing on the Ion Proton™ System. Store the kit components as directed. For more information, see the *Ion PI™ Hi-Q™ OT2 200 Kit User Guide* (Pub. No. MAN0010857).

## Kit contents and storage

Component	Amount	Storage
<b>Ion OneTouch™ 2 Supplies (Part No. A26367)</b>		
Ion OneTouch™ Reagent Tubes	2 tubes	15°C to 30°C
Ion OneTouch™ Recovery Tubes	16 tubes	
Ion OneTouch™ Recovery Routers	8 routers	
Ion OneTouch™ Sippers	2 sippers	
Ion OneTouch™ Amplification Plates	8 plates	
Ion OneTouch™ ES Supplies	12 pipette tips and ES 8-well strip box	
Ion OneTouch™ Cleaning Adapters	8 adapters	
Ion OneTouch™ Reaction Filters	8 filters	
<b>Ion PI™ Hi-Q™ OT2 Reagents 200 (Part No. A26428)</b>		
Ion PI™ Enzyme Mix (brown cap)	960 µL	-30° to -10°C
Ion PI™ Master Mix (violet cap)	8 × 2 mL	
Ion PI™ Ion Sphere™ Particles (black cap)	800 µL	

Component	Amount	Storage
<b>Ion PI™ Hi-Q™ OT2 Solutions 200 (Part No. A26429)</b>		
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	
Ion OneTouch™ ES Wash Solution	7.2 mL	
Ion OneTouch™ Wash Solution	16 mL	
MyOne™ Beads Capture Solution (green cap)	2 × 1.5 mL	
ISP Resuspension Solution (red cap)	1.25 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.

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**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 PI™ Master Mix is shipped at -30°C to -10°C. Immediately before use, thaw tube(s) as needed. Store the thawed Ion PI™ Master 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:** Pub. No. MAN0010859

Revision	Date	Description
B.0	12 January 2017	Rebranding and format update
A.0	23 March 2015	New product information sheet

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