

Ion PI™ Controls 200 Kit

Pub. no. MAN0009908

Rev. A.0

Description

The Ion PI™ Controls 200 Kit (Cat. no. 4488985) includes the following components in a single box:

- Human CEPH Genomic DNA Control sufficient for preparing 3 libraries (1 µg control per library)
- Ion PI™ Control Ion Spheres sufficient for 3 sequencing runs (200 M ISPs/run)
- Human CEPH Control 200 Library sufficient for 10+ template preparation reactions (1 µL per reaction)

Store the kit components as directed in the table.

The Ion PI™ Controls 200 Kit is used in conjunction with the following kits:

- Ion Xpress™ Plus Fragment Library Kit (Cat. no. 4471269)
- Ion Plus Fragment Library Kit (Cat. no. 4471252)
- Ion AmpliSeq™ Library Kit 2.0 (Cat. nos. 4475345, 4480441, and 4480442)
- Ion TargetSeq™ Exome Kits (Cat. nos. 4477742, 4477743, and 4477744)
- Ion PI™ Template OT2 200 Kit v3 (Cat. no. 4488318)
- Ion PI™ Sequencing 200 Kit v3 (Cat. no. 4488315)

See the appropriate user guide for your kit, available on the [Ion Community](#), for more information.

Precautions

Handle biological specimens 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.

For safety and biohazard guidelines, refer to the “Safety” section in the *Ion PI™ Template OT2 200 Kit v3 User Guide*. For every chemical, read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

IMPORTANT! Do not substitute components in this kit with components from the Ion Proton™ Controls Kit (Cat. no. 4478328) or the Ion PI™ Controls Kit v2 (Cat. no. 4482414).

Note: Refer to the expiration date on the package labels. Do not use kits after the expiration date.

Contact information

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Kit components

Ion PI™ Controls 200 Kit (Part no. 4488985)				
Components	Color	Quantity	Volume	Storage
Human CEPH Genomic DNA Control (Individual 1347-02, 100 µg/mL)	Red	1 tube	30 µL	-30°C to -10°C
Human CEPH Control 200 Library (Individual 1347-02, size range: 250–330 bp including adapters)	Yellow	1 tube	12 µL	
Ion PI™ Control Ion Spheres (3 M/µL)	Green	1 tube	200 µL	

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