

Ion 540™ Kit – Chef

Catalog Number A27759

Pub. No. MAN0010848 Rev. A.0

Ion S5™ Chef Supplies (Part no. A27755; 4 boxes supplied per kit)		
Component	Quantity per box	Shipping and storage
Chip Adapter	2 adapters	15°C to 30°C
Enrichment Cartridge v2	1 cartridge	
Tip Cartridge v2	1 cartridge	
PCR Plate and Frame Seal v2	1 each	
Recovery Station Disposable Lid v2	2 lids	
Recovery Tube v2	12 tubes	

Ion S5™ Chef Solutions (Part no. A27754)		
Component	Quantity per kit	Shipping and storage
Ion S5™ Chef Solutions	4 cartridges	15°C to 30°C

Ion 540™ Chef Reagents (Part no. A27758)		
Component	Quantity per kit	Shipping and storage
Ion 540™ Chef Reagents	4 cartridges	-30°C to -10°C

Ion S5™ Sequencing Solutions (Part no. A27767; 2 boxes supplied per kit)			
Component	Quantity per box	Volume	Shipping and storage
Ion S5™ Wash Solution	4 bottles	1.5 L	15°C to 30°C
Ion S5™ Cleaning Solution	1 bottle	250 mL	

Ion S5™ Sequencing Reagents (Part no. A27768; 2 boxes supplied per kit)		
Component	Quantity per box	Shipping and storage
Ion S5™ Sequencing Reagents	4 cartridges	-30°C to -10°C

Note: For safety and biohazard guidelines, refer to the “Safety” appendix in the *Ion 540™ Kit - Chef User Guide* (Pub. no. MAN0010851). Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Description

The Ion 540™ Kit – Chef (Cat. no. A27759) contains 10 boxes total:

- Ion S5™ Chef Supplies (Part no. A27755; 4 boxes per kit)
- Ion S5™ Chef Solutions (Part no. A27754)
- Ion 540™ Chef Reagents (Part no. A27758)
- Ion S5™ Sequencing Solutions (Part no. A27767; 2 boxes per kit)
- Ion S5™ Sequencing Reagents (Part no. A27768; 2 boxes per kit)

The Ion 540™ Kit – Chef contains template preparation reagents sufficient for 8 reactions for automated template preparation and chip loading using the Ion Chef™ System, and reagents for sequencing using the Ion S5™ or Ion S5™ XL System. Store the kit components as directed. For more information, refer to the *Ion 540™ Kit – Chef User Guide* (Pub. no. MAN0010851).

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.

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.

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

Limited product warranty

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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.

The information in this guide is subject to change without notice.

DISCLAIMER

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