

Ion AmpliSeq™ Kit for Chef DL8

Catalog Number A29024

Pub. No. MAN0013434 Rev. B.0

Note: For safety and biohazard guidelines, refer to the "Safety" appendix in the *Ion AmpliSeq™ Library Preparation on the Ion Chef™ System User Guide* (Pub. no. MAN0013432). Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Description

The Ion AmpliSeq™ Kit for Chef DL8 enables robust, automated Ion AmpliSeq™ library preparation from genomic DNA or RNA using the Ion Chef™ Instrument and 1- or 2-pool Ion AmpliSeq™ primer panels. The kit contains sufficient reagents and consumables to prepare up to 32 barcoded and equalized libraries that are ready for template preparation using either the Ion Chef™ or the Ion OneTouch™ 2 System. Library preparation from RNA additionally requires the SuperScript™ VILO™ cDNA Synthesis Kit, ordered separately.

IMPORTANT! The Ion AmpliSeq™ Kit for Chef DL8 is compatible only with the Ion Chef™ System.

IMPORTANT! The Ion AmpliSeq™ Kit for Chef DL8 components are formulated and optimized specifically for use with the Ion Chef™ System. They cannot be replaced or interchanged with components from other product kits.

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.

Ion AmpliSeq™ Kit for Chef DL8

Part no.	Contents	Quantity per kit	Storage
A29025	Ion AmpliSeq™ Chef Reagents DL8	4 cartridges	-30°C to -10°C
A29026	Ion AmpliSeq™ Chef Solutions DL8	4 cartridges	2°C to 8°C
A29027	Ion AmpliSeq™ Chef Supplies DL8 (per insert): <ul style="list-style-type: none"> • Ion AmpliSeq™ Tip Cartridge L8 • Framed PCR Foil Seal • Enrichment Cartridge 	1 box with 4 inserts	15°C to 30°C
A29028	IonCode™ 0101–0132 in 96 Well PCR Plates: <ul style="list-style-type: none"> • IonCode™ 0101–0108 in 96 Well PCR Plate (red) • IonCode™ 0109–0116 in 96 Well PCR Plate (yellow) • IonCode™ 0117–0124 in 96 Well PCR Plate (green) • IonCode™ 0125–0132 in 96 Well PCR Plate (blue) 	1 set of 4 plates	15°C to 30°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.

- Ion AmpliSeq™ Chef Solutions DL8 cartridges are shipped at ambient temperature, but need to be stored at 2°C to 8°C upon arrival.
- Inspect all consumables and cartridges for damage upon arrival and again before use.

Limited product warranty

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 - User guides, manuals, and protocols
 - 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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20 October 2015

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