

Oncomine™ BRCA Research Assay, Chef Ready

Catalog Number A32841

Pub. No. MAN0016271 Rev. A.0

Note: For safety and biohazard guidelines, see 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.

Product description

The Oncomine™ BRCA Research Assay, Chef Ready (Cat. No. A32841), provides premeasured Oncomine™ BRCA Research Assay primer pools 1 and 2 at 2X concentration, ready to load into an Ion AmpliSeq™ Chef Reagents DL8 cartridge for automated preparation of up to 32 libraries targeting the *BRCA1* and *BRCA2* genes. Reagents and supplies in an Ion AmpliSeq™ Kit for Chef DL8 sufficient for 4 Ion Chef™ library preparation runs are also provided. Use 19 amplification cycles for standard gDNA, or 22 cycles for FFPE gDNA in your Ion Chef™ library preparation run. See the *Ion AmpliSeq™ Library Preparation on the Ion Chef™ System User Guide* (Pub. No. MAN0013432) for detailed information on preparing Oncomine™ BRCA Research Assay libraries on the Ion Chef™ System.

Contents and storage

Component	Part No.	Quantity per kit	Storage
Oncomine™ BRCA Research Assay Chef Ready Library Preparation			
Oncomine™ BRCA Research Assay Pool 1	A32843	4 × 150 µL	-30°C to -10°C
Oncomine™ BRCA Research Assay Pool 2		4 × 150 µL	
Ion AmpliSeq™ Kit for Chef DL8			
Ion AmpliSeq™ Chef Reagents DL8	A29025	4 cartridges	-30°C to -10°C
Ion AmpliSeq™ Chef Solutions DL8	A29026	4 cartridges	2°C to 8°C ^[1]
Ion AmpliSeq™ Chef Supplies DL8 (per insert) <ul style="list-style-type: none"> • Ion AmpliSeq™ Tip Cartridge L8 • PCR Frame Seal • Enrichment Cartridge 	A29027	1 box with 4 inserts	15°C to 30°C
IonCode™ 0101–0132 in 96 Well PCR Plates (dried) Set includes 4 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) 	A29028	1 set of 4 plates	15°C to 30°C

^[1] Ion AmpliSeq™ Chef Solutions DL8 cartridges are shipped at ambient temperature, but need to be stored at 2°C to 8°C upon arrival.

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™ library preparation kits. This protocol has been verified using these specific materials. Substitution may adversely affect system performance.

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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.MAN0016271

Revision	Date	Description
A.0	25 October 2016	New product information sheet for the OncoPrint™ BRCA Research Assay, Chef Ready.

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