



OptoSeq[®] Barcoded BCR NGS Prep Kit, Mouse

PRODUCT INSERT

Purpose

The OptoSeq[®] Barcoded BCR NGS Prep Kit, Mouse (750-02052) consists of all reagents required to prepare an NGS library from total cDNA recovered from barcoded BCR unloads of the Opto[®] B Discovery workflow. The reagents from this kit should be used with the Illumina Nextera[®] XT DNA Library Preparation Kit (96 samples: FC-131-1096; 24 samples: FC-131-1024), which must be purchased separately to complete the next-generation sequencing (NGS) library before sequencing.

Kit Contents

Component	Unit Quantity	Volume/Unit	Uses/Unit	Storage Conditions	Part Number
Hc/Lc NGS Reverse Primers, Mouse	1 vial	0.9 mL	1		
Barcoded BCR FWD Index Primers	1 96-well plate	5.5 µL/well	1	-20°C	750-02052 ^a
Barcoded BCR Amplification Primer 1	1 vial	10 µL	1		
PCR Enzyme K	1 vial	1 mL	96		

a. Kit components cannot be purchased separately unless otherwise noted.

Instructions for Use

Instructions for use and handling can be found in the following documentation on the Support Portal:

- *Next-Generation Sequencing of OptoSeq[®] Barcoded BCR Exports for the Beacon[®] Optofluidic Systems (MAN-08137)*

FOR RESEARCH USE ONLY. Not for use in diagnostic procedures.

Safety

Use standard laboratory safety protocols and always wear appropriate personal protective equipment (PPE). Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, email support@brukercellularanalysis.com.

Legal

The OptoSeq Barcoded BCR NGS Prep Kit, Mouse product insert and its contents are proprietary to Bruker Corporation. This product insert is intended to be used, and should only be used, in connection with the use of the Beacon® optofluidic systems. No other use is permitted without the prior written consent by an authorized officer of Bruker. No right, title, or interest in any Bruker intellectual property rights are conveyed or granted, expressly or by implication, by this product insert. Review the documents in [Instructions for Use](#) PRIOR to using the OptoSeq Barcoded BCR NGS Prep Kit, Mouse.

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