



Opto[®] B Discovery Sanger Prep Kit, Human

PRODUCT INSERT

Purpose

The Opto[®] B Discovery Sanger Prep Kit, Human (750-02041) consists of all reagents required to amplify antibody heavy/light chain genes for Sanger sequencing for up to 192 human B cell exports or OptoSeq[®] BCR (non-barcoded) exports from Opto[®] B Discovery Workflows on Beacon[®] optofluidic systems.

Kit Contents

Component	Unit Quantity	Volume/ Unit	Uses/ Unit	Storage Conditions	Part Number
BCR FWD Primer	1	400 µL	192 wells		
BCR Sanger Seq Primer	2	1 mL	96 wells		
Hc REV Primer (Human)	1	225 µL	192 wells	-20°C	750-02041
Lc REV Primer (Human)	1	225 µL	192 wells		
PCR Enzyme K	2	1 mL	96 wells		

Instructions for Use

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

- *Beacon[®] Optofluidic Systems User Manual* (MAN-000003)
- *cDNA Recovery for Cell Exports Protocol* (MAN-000047)
- *Sanger Sequencing of Antibodies from OptoSeq[®] BCR Exports Protocol* (MAN-08035)

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, please email support@brukercellularanalysis.com.

Legal

The Opto B Discovery Sanger Prep Kit, Human 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 the [Instructions for Use](#) PRIOR to using the Opto B Discovery Sanger Prep Kit, Human.

Bruker reserves the right to change the information in this product insert without notice.

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