

# Product Components List

## SMART-Seq® Human BCR (with UMIs)

**Catalog No.**  
634776

**Amount**  
4 x 96 rxns

### Description

SMART-Seq Human BCR (with UMIs) enables users to analyze human B-cell receptor (BCR) diversity from RNA input samples. The kit is designed to work with a range of RNA input amounts depending on the sample type and has been shown to generate high-quality libraries from as little as 10 ng–1 µg of total RNA obtained from peripheral blood mononuclear cells (PBMCs) and 1–100 ng of total RNA from B cells.

The kit leverages SMART® technology and employs a 5' RACE-like approach to capture complete V(D)J variable regions of BCR transcripts. Included in the kit are primers that incorporate Illumina®-specific adaptor sequences during cDNA amplification. The protocol generates indexed libraries that are ready for sequencing on Illumina platforms.

### Package Contents

- 4 x SMART-Seq Human BCR (with UMIs) (Cat. No. 634778) >> [View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://takarabio.com/manuals)

The following documents apply to this product:

- SMART-Seq Human BCR (with UMIs) User Manual

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### Notice to Purchaser

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This document has been reviewed and approved by the Quality Department.

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