SMARTer® Mouse BCR IgG H/K/L Profiling Kit

Catalog Nos. | Amount
--- | ---
634422 | 12 rxn
634423 | 48 rxn
634424 | 96 rxn

Description
The SMARTer Mouse BCR IgG H/K/L Profiling Kit enables users to analyze B-cell receptor (BCR) diversity from RNA input samples. The full 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 to 3 µg of total RNA obtained from spleen, lymph node, or PBMCs, or from 1,000 to 10,000 purified B cells. As the name suggests, the kit can be used to generate data for heavy chain or light chain (kappa or lambda) diversity.

The full 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 full 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
634422 (12 rxn):
- SMARTer Mouse BCR IgG H/K/L Profiling Kit Components (Cat. No. 634425; Not sold separately)
  >>View Components
- Mouse BCR IgG H/K/L Indexing Primer Set HT for Illumina -12 (Cat. No. 634428; Not sold separately)
  >>View Components

634423 (48 rxn):
- SMARTer Mouse BCR IgG H/K/L Profiling Kit Components (Cat. No. 634426; Not sold separately)
  >>View Components
- Mouse BCR IgG H/K/L Indexing Primer Set HT for Illumina -48 (Cat. No. 634429; Not sold separately)
  >>View Components

634424 (96 rxn):
- SMARTer Mouse BCR IgG H/K/L Profiling Kit Components (Cat. No. 634427; Not sold separately)
  >>View Components
- Mouse BCR IgG H/K/L Indexing Primer Set HT for Illumina -96 (Cat. No. 634430; Not sold separately)
  >>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
The following documents apply to this product:

- SMARTer Mouse BCR IgG H/K/L Profiling Kit User Manual

Notice to Purchaser
Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of Takara Bio USA, Inc.

Your use of this product is also subject to compliance with any applicable licensing requirements described on the product’s web page at takarabio.com. It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

©2017 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions. Additional product, intellectual property, and restricted use information is available at takarabio.com.

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