

Product Components List

SMARTer® Human scTCR a/b Profiling Kit

Catalog Nos.	Amount
634431	96 rxns
634432	480 rxns

Description

The SMARTer Human TCR a/b Profiling Kit enables users to analyze T-cell receptor (TCR) diversity from single T cells that have been sorted into a 96-well plate. As the name suggests, the kit can be used to generate data for both alpha- and beta-chain diversity.

The kit leverages SMART® technology and employs a 5' RACE-like approach to capture complete V(D)J variable regions of TCR 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

634431 (96 rxns):

- SMARTer Human scTCR a/b Profiling Kit Components (Cat. No. 634433; Not sold separately)
[>>View Components](#)
- TCR a/b Human Indexing Primer Set HT for Illumina - 12 (Cat. No. 635020; Not sold separately)
[>>View Components](#)

634432 (480 rxns):

- SMARTer Human scTCR a/b Profiling Kit Components (Cat. No. 634434; Not sold separately)
[>>View Components](#)
- TCR a/b Human Indexing Primer Set HT for Illumina - 60 (Cat. No. 634435; 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 Human scTCR a/b 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.

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@takarabio.com

United States/Canada 800.662.2566 (052517)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
--	---------------------------------	------------------------------	-----------------------------