

## SMART-Seq<sup>®</sup> HT Lysis Components

Catalog No.	Amount	Lot Number
634439	96 rxns	Specified on product label.

### Description

The SMART-Seq HT Lysis Components are accessories to the SMART-Seq HT Kit. These components consist of 10X Lysis Buffer as well as the 3' SMART-Seq CDS Primer II A and are provided in separate packaging for users who want to use FACS to sort large numbers of cells or nuclei without using all of the sorted material as input for cDNA synthesis with the SMART-Seq HT Kit.

### Package Contents

- 192  $\mu$ l 3' SMART-Seq CDS Primer II A
- 1.85 ml 10X Lysis Buffer

### Storage Conditions

- Store at  $-20^{\circ}\text{C}$ .

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Dry ice

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)  
The following documents apply to this product:

- SMART-Seq HT Kit User Manual

### Quality Control Data

A sample kit from each lot of SMART-Seq HT Lysis Components was functionally tested along with other reagents from the SMART-Seq HT Kit (Takara Bio, Cat. No. 634437) as follows: 10 pg of Control Total RNA was subjected to One-Step cDNA synthesis and amplification as described in the SMART-Seq HT Kit User Manual. The first-strand cDNA was amplified using 17 cycles during the One-Step RT-PCR reaction. PCR products were purified with an Agencourt AMPure XP Kit (Beckman Coulter, Part No. A63880 or A63881), and resuspended in 17  $\mu$ l of Elution Buffer. 1  $\mu$ l of the PCR reaction was analyzed with an Agilent 2100 Bioanalyzer and a High Sensitivity DNA Kit (Agilent Technologies, Cat. No. 5067-4626). The resulting analysis indicated a cDNA size range of approximately 400–10,000 bp. A peak was manually integrated from 300–9,000 bp, revealing a concentration of at least 200 pg/ $\mu$ l.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

## SMART-Seq® HT Lysis Components

### CATALOG NO.

634439

### NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. 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 our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

### TRADEMARKS:

©2023 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.

---

#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

**United States/Canada**

800.662.2566

**Asia Pacific**

+1.650.919.7300

**Europe**

+33.(0)1.3904.6880

**Japan**

+81.(0)77.565.6999

7/19/2023