

## ICELL8® 3' DE for UMI Reagent Kit (430-000236)

**Catalog No.**

640005

**Amount**

Each

**Lot Number**

Specified on product label.

**Package Contents**

- 2 x 30 µl ICCELL8 Fiducial Mix
- 8 µl ICCELL8 RT E5OLIGO
- 5 µl ICCELL8 Amp Primer
- 10 µl ICCELL8 Nextera® Primer P5
- 2 x 12 µl ICCELL8 Second Diluent 100X

**Storage Conditions**

- Store at -20°C

**Shelf Life**

- 1 year from date of receipt under proper storage conditions.

**Shipping Conditions**

- Dry ice (-70°C)

**Product Documents**

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

**Quality Control Data**ICELL8 Fiducial Mix

ICELL8 Fiducial Mix was dispensed into an ICCELL8 150v Chip (Cat. No. 640013) in a predetermined pattern. The chip was imaged on the ICCELL8 microscope with the Micro-Manager software and analyzed using CellSelect® Software. The software must automatically detect all wells with ICCELL8 Fiducial Mix present.

ICELL8 Second Diluent

Human K-562 cells were prepared using Second Diluent, dispensed, imaged, and analyzed according to the ICCELL8 Chip and Reagent 3' DE Kit User Manual. Cells were dispensed into an ICCELL8 150v Chip (Cat. No. 640013), the chip was imaged on the ICCELL8 Imaging System with Micro-Manager software, and then the images were analyzed using CellSelect Software. The number of single-cell-containing wells automatically identified by the CellSelect Software must be greater than or equal to 1,500. Percent cell viability is calculated as the number of candidate wells divided by the number of single-cell-containing wells. This number must be greater than 85% of the Moxie Population Index (MPI) measured for the cells prior to dilution for dispensing.

ICELL8 Primers

ICELL8 Primers were verified by ESI analysis to contain a major peak with a measured molecular weight within 10 Da of the predicted molecular weight.

It is certified that this product meets the above specifications, as 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](mailto:techUS@takarabio.com)

United States/Canada  
800.662.2566  
(031819)

Asia Pacific  
+1.650.919.7300

Europe  
+33.(0)1.3904.6880

Japan  
+81.(0)77.565.6999

## ICELL8® 3' DE for UMI Reagent Kit (430-000236)

### CATALOG NO.

640005

### 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:

©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.

---

#### 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

**Asia Pacific**

+1.650.919.7300

**Europe**

+33.(0)1.3904.6880

**Japan**

+81.(0)77.565.6999

3/18/2019