

ICELL8® Blank Chip Reagent Kit

Catalog No.

640196

Amount

Each

Lot Number

Specified on product label.

Description

The ICELL8 Blank Chip Reagent Kit includes ICELL8 Fiducial Mix and Second Diluent to support NGS applications on the ICELL8 cx Single-Cell System and the ICELL8 Single-Cell System.

Package Content

- 2 x 25 µl 1X ICELL8 Fiducial Mix
- 2 x 15 µl 100X Second Diluent

Storage Conditions

- Store at -20°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

The following documents apply to this product:

- ICELL8 cx Single-Cell System User Manual
- ICELL8 cx CellSelect® Software User Manual
- ICELL8 Imaging System User Manual
- ICELL8 MultiSample NanoDispenser User Manual
- CellSelect Software User Manual

Quality Control Data

ICELL8 Fiducial Mix

ICELL8 Fiducial Mix was dispensed into an unprinted ICELL8 150v Chip (Cat. No. 640013) in a predetermined pattern. The chip was imaged on the ICELL8 imaging system with the Micro-Manager software and analyzed using the CellSelect Software. It was confirmed that the software could automatically detect all wells containing ICELL8 Fiducial Mix.

Second Diluent

K-562 cells were prepared according to the ICELL8 Chip and Reagent 3' DE Kit User Manual, including the Second Diluent. Cells were dispensed into an unprinted ICELL8 150v Chip (Cat. No. 640013) according to the ICELL8 Chip and Reagent 3' DE Kit User Manual. The chip was imaged on the ICELL8 imaging system and analyzed using CellSelect software. The number of single cell-containing wells automatically identified by the CellSelect Software was confirmed to 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 was confirmed to be greater than 85% of the Moxi Population Index (MPI) measured for the cells prior to dilution for dispensing.

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

Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: technical_support@takarabio.comUnited States/Canada
800.662.2566
(041024)Asia Pacific
+1.650.919.7300Europe
+33.(0)1.3904.6880Japan
+81.(0)77.565.6999

ICELL8® Blank Chip Reagent Kit

CATALOG NO.

640196

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:

©2024 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

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

+33.(0)1.3904.6880

Japan

+81.(0)77.565.6999

4/10/2024