

## ICELL8® Blank Chip Reagent Kit

<b>Catalog No.</b>	<b>Amount</b>	<b>Lot Number</b>
640196	Each	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 1X ICELL8 Fiducial Mix (25 µl)
- 2 x 100X Second Diluent (15 µl)

### Storage Conditions

- Store all reagents 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)

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.

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# Certificate of Analysis

Cat. No. 640196

ICELL8 Blank Chip Reagent Kit

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## **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 with the Micro-Manager software and analyzed using the 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.

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### 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.

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