

## Single-Cell Loading Kit

<b>Catalog No.</b>	<b>Amount</b>	<b>Lot Number</b>
640206 Also sold as part of many kits	Each	Specified on product label.

### Description

The Single-Cell Loading Kit contains films and blotting paper to be used for processing ICELL8® and Single-Cell nanowell chips.

With the ICELL8 Single-Cell System, the Blotting Paper is used to blot chips after dispensing of cells and assay reagents into nanowell chips by the ICELL8 MultiSample NanoDispenser (MSND). The RC Film is used to seal the chip after reagents have been dispensed into wells selected for processing for reactions or centrifugations. The Chip Freezing Film is used to seal chips prior to imaging of the nanowells by the ICELL8 Imaging System.

For the ICELL8 cx Single-Cell System, the Blotting Paper is used to blot chips after dispensing of cells and assay reagents into nanowell chips. The RC Film is used to seal the chip after reagents have been dispensed into wells selected for processing for reactions or centrifugations and while centrifuging prior to imaging of the nanowells. The Chip Freezing Film is only used to seal chips after imaging of the nanowells to freeze them.

### Package Contents

- 1 x Chip Freezing Film
- 6 x RC Film
- 7 x Blotting Paper

### Storage Conditions

- Store at room temperature.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Room temperature

### 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 Multisample Nanodispenser User Manual
- ICELL8 Imaging System User Manual
- ICELL8 cx Single-Cell System User Manual

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#### Takara Bio USA, Inc.

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# Certificate of Analysis

Cat. No. 640206

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## Quality Control Data

Chip Freezing Film in this kit was functionally tested in a three part test to test the ability of the film to prevent evaporation of dispensed volume from chip wells after a standard chip thermal cycling program, ability to allow adequate imaging of candidate cells during a cell scan, and ability to stay affixed to the chip after a  $-80^{\circ}\text{C}$  overnight freeze in a Nanodispenser Chip Holder (Takara Bio, Cat. No. 640008) and found to meet expected quality criteria. All remaining components of the Single-Cell Loading Kit have been visually inspected and found to be free of defects.

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

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### NOTICE TO PURCHASER:

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