

Single-Cell Loading Kit

Catalog No.	Amount	Lot Number
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 nanowell chips after dispensing steps by the Shasta™, ICELL8® cx, and ICELL8 Single-Cell systems.

For the Shasta Single Cell and 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.

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.

Package Contents

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

Storage Conditions

- Store at room temperature.

Shelf Life

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

Shipping Conditions

- Room temperature

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

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

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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°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:

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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