

Product Components List

ICELL8® cx Single-Cell System

Catalog No.

640188

Amount

Each

Description

The ICELL8 cx Single-Cell System is an advanced, integrated automation platform that combines the power of imaging and dispensing with the isolation of single cells in 5,184-nanowell chips. The system employs a large-bore nozzle dispenser for unbiased cell size isolation. A built-in imaging station can be used to differentiate single cells from multiple cells and for live/dead analysis with the use of added fluorescent cellular dyes. Integrated ICELL8 cx CellSelect® Software analyzes the images and provides the ability to proceed only with chosen wells, eliminating the noise from multiple-cell-containing wells or empty wells. This open-platform, high-throughput single-cell automation system is prevalidated for use with several NGS applications but also provides flexibility to develop custom applications.

Package Contents:

- 1 x ICELL8 cx Crate Components (Cat. No. 640190) [>>View Components](#)
- 3 x ICELL8 cx Loading Kit (Cat. No. 640197) [>>View Components](#)
- 5 x Single-Cell Collection Kit (Cat. No. 640212) [>>View Components](#)
- 2 x ICELL8 384-Well Source Plate and Seal (Cat. No. 640192) [>>View Components](#)
- 3 x Single-Cell 250f Chip (Cat. No. 640193) [>>View Components](#)
- 3 x Single-Cell Blank Chip Reagent Kit (Cat. No. 640196) [>>View Components](#)
- 2 x Single-Cell 350v Chip (Cat. No. 640019) [>>View Components](#)
- 2 x Single-Cell Loading Kit (Cat. No. 640206) [>>View Components](#)
- 1 x SMART-Seq Pro Reagent Kit (Cat. No. 640259; Not sold separately) [>>View Components](#)
- 1 x SMART-Seq Pro Indexing Primer Set - A (Cat. No. 640258) [>>View Components](#)
- 1 x SMART-Seq Pro Indexing Primer Set - B (Cat. No. 640260) [>>View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

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

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 any applicable licensing requirements described on the product's web page at takarabio.com. It is your responsibility to review, understand and adhere to any restrictions imposed by such statements.

© 2025 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. Additional product, intellectual property, and restricted use information is available at takarabio.com.

This document has been 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.com

United States/Canada
800.662.2566
(012925)

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.565.6999