

Product Components List

ICELL8® cx Single-Cell System

Catalog Nos.	Amount
640188	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 ICELL8 cx system employs a large-bore nozzle dispenser for unbiased cell size isolation. Imaging allows the differentiation of single cells from multiple cells. Additionally, with the use of fluorescence, imaging can also be used for live/dead analysis in conjunction with the use of cellular dyes. The full system also includes the ICELL8 cx Thermal Cycler as well as a built-in imaging station and integrated ICELL8 cx CellSelect® Software that 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 and also provides the flexibility to enable users to develop applications of their choice.

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 ICELL8 Collection Kit – L (Cat. No. 640212) [>>View Components](#)
- 2 x ICELL8 384-Well Source Plate and Seal (Cat. No. 640192) [>>View Components](#)
- 3 x ICELL8 cx Blank Chip - 250 nl FB (Cat. No. 640193) [>>View Components](#)
- 3 x ICELL8 Blank Chip Reagent Kit (Cat. No. 640196) [>>View Components](#)
- 2 x ICELL8 350v Chip (Cat. No. 640019) [>>View Components](#)
- 2 x ICELL8 Loading Kit – B (Cat. No. 640206) [>>View Components](#)
- 1 x SMART-Seq Pro Indexing Primer Set - A (Cat. No. 640258) [>>View Components](#)
- 1 x SMART-Seq Pro Reagent Kit (Cat. No. 640259) [>>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

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This document has been reviewed and approved by the Quality Department.