

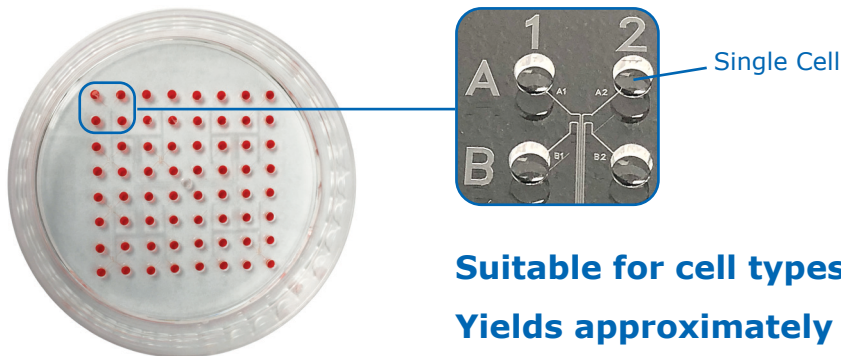
Quick Start Guide

CellASIC® Single Cell Isolation Chip

SACE-64-5PK

Introduction

The CellASIC® Single Cell Isolation Chip enables rapid, damage free isolation of single cells for immediate down-stream analysis.

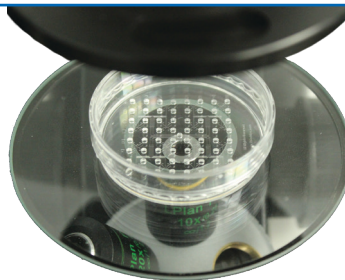


Suitable for cell types < 50 µm
Yields approximately 20 single cells



Single Cell Isolation

Prepare a uniform cell suspension. Load approximately 40 cells into the inlet adapter (100-150 µl) using a pipette. Remove the adapter (plunger depressed) after loading using the pipette tip.



Single Cell Identification

Identify outlet wells (labeled with letter/number coordinates at the millimeter & micrometer scale) with single cells using a microscope. Each well contains approximately 1-2.5 µl.



Single Cell Retrieval

To retrieve the single cells, gently re-suspend within the outlet well and transfer to a well-plate or tube for analysis (example: PCR).

Product Ordering

Purchase online at SigmaAldrich.com.

Description	Catalogue No.
CellASIC® Single Cell Isolation Chip	SACE-64-5PK
CellASIC® ONIX2 Microfluidic System	CAX2-S0000
CellASIC® ONIX2 Manifold XT (Temperature Controlled)	CAX2-MXT20
CellASIC® ONIX2 Manifold Basic (No Temperature Control)	CAX2-MBC20
CellASIC® ONIX Plate For Bacteria Cell Growth Restriction	B04A-03-5PK
CellASIC® ONIX Plate For Bacteria Cell Trapping	B04F-01-5PK
CellASIC® ONIX Gradient Plate For Mammalian Cells	M04G-02-5PK
CellASIC® ONIX Open-Top Plate For Mammalian Cells	M04L-03-5PK
CellASIC® ONIX Switching Plate For Mammalian Cells	M04S-03-5PK
CellASIC® ONIX Pad Trap Plate, 12 µm	M04T-01-5PK
CellASIC® ONIX Plate For Haploid Yeast Cells	Y04C-02-5PK
CellASIC® ONIX Plate For Diploid Yeast Cells	Y04E-01-5PK
CellASIC® ONIX Pad Trap Plate, 4 µm	Y04T-04-5PK
GenomePlex® Complete Whole Genome Amplification (WGA) Kit	WGA2
GenomePlex® Single Cell Whole Genome Amplification Kit	WGA4
SeqPlex DNA Amplification Kit	SEQXE
SeqPlex -I WGA Kit	SEQXI
Complete Whole Transcriptome Amplification Kit	WTA2
SeqPlex RNA Amplification Kit	SEQR
SeqPlex-I WTA Kit	SEQRI

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Technical Assistance

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