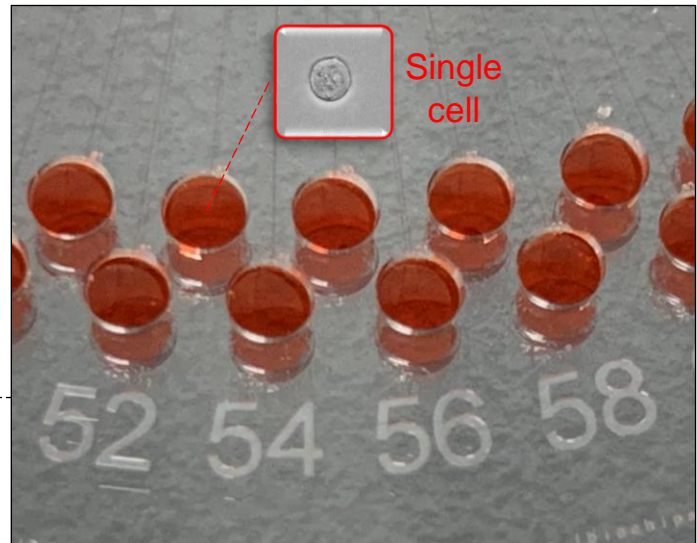
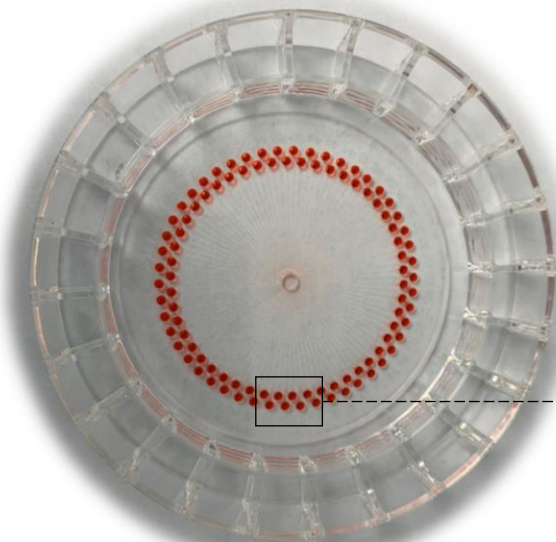


**Smart Aliquotor** provides the simplest & fastest way to uniformly load small volume liquids into 100 wells and precisely handle single cells for accelerating single-cell clonal and genetic analysis.



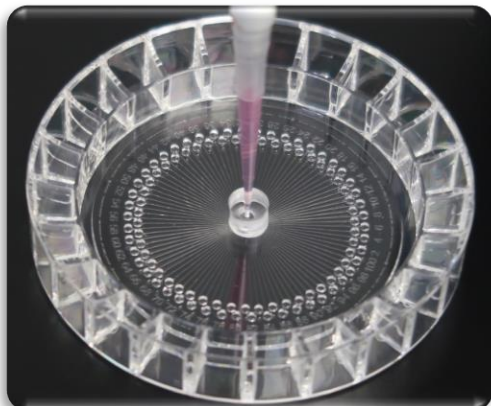
## Specifications

## Description

Material of device	Biocompatible PS & PDMS
Size of device	90 mm (Diameter) & 15 mm (Height)
Sterilization of device	Sterile
Number of well / Label of well	100 wells / millimeter- & micrometer-scale numbers
Size of well	1.8 mm (Diameter) & 1 mm (Height)
Bottom coating of well	Tissue culture treated
Working volume	1-3 $\mu$ L per well or 100-300 $\mu$ L per device
Handling of liquids & single cells	Common single-channel pipette
Cell size can be compatible	$\leq 50 \mu$ m
# of single cells can be isolated	~ 30 single cells per device
# of cell types can be handled	1 per device

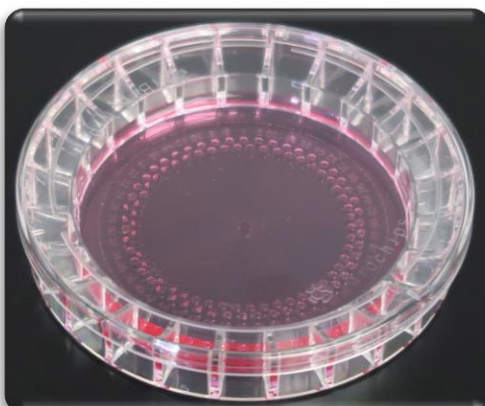
# The Simplest & Fastest Way to Handle Single Cells

## Single-Cell Isolation



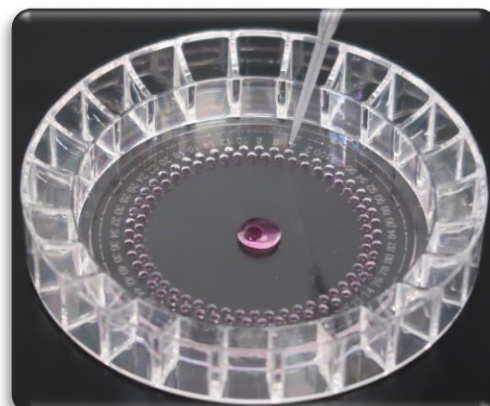
- Easy to operate with high efficiency
- High integrity for single-cell PCR

## Single-Cell Cloning



- High cell viability for clonal analysis
- Easy to track whole cloning process

## Rare-Cell Isolation



- From CRISPR gene edited cells
- From clinical samples

## Competitive Advantage of Smart Aliquotor Family

	Easy Operation	Low Cost	Cell Viability & Integrity	Cell Cloning	Single-cell PCR & Seq	Rare Cell Isolation	Compatible With Few Samples
<b>Smart Aliquotor Family</b>							
<b>Serial Dilution</b>							
<b>Micro-manipulation</b>							
<b>Flow Cytometry</b>							
<b>Microwell &amp; Droplet Systems</b>							

Performance: **Excellent**    **Intermediate**    **Poor**