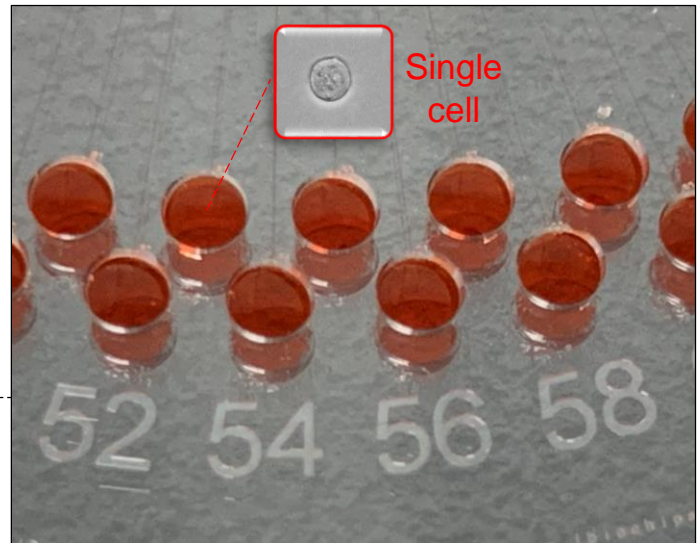
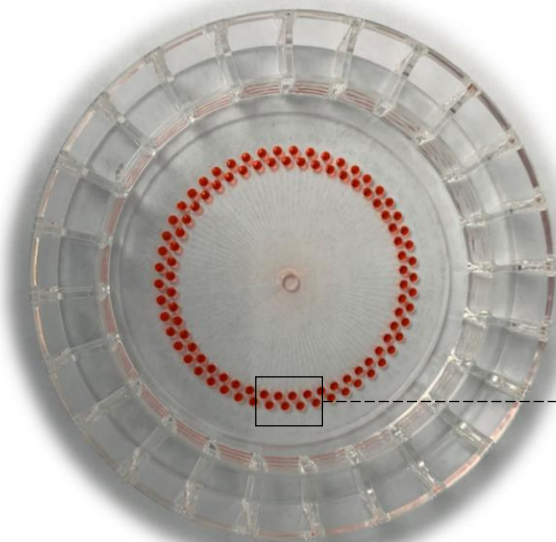


Smart Aliquotor provides the simplest & fastest way to uniformly load small volume liquids into 100 wells and precisely handle single cells for accelerating single-cell clonal and genetic analysis.



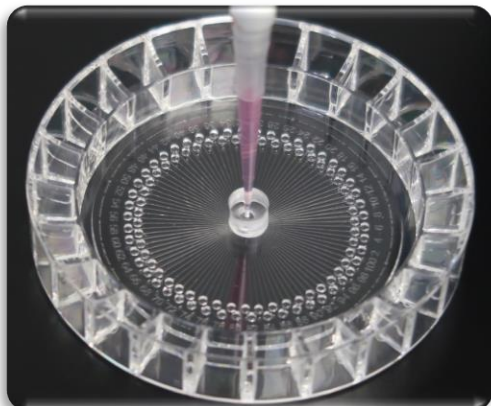
Specifications

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 μL per well or 100-300 μL per device
Handling of liquids & single cells	Common single-channel pipette
Cell size can be compatible	$\leq 50 \mu\text{m}$
# of single cells can be isolated	~ 30 single cells per device
# of cell types can be handled	1 per device

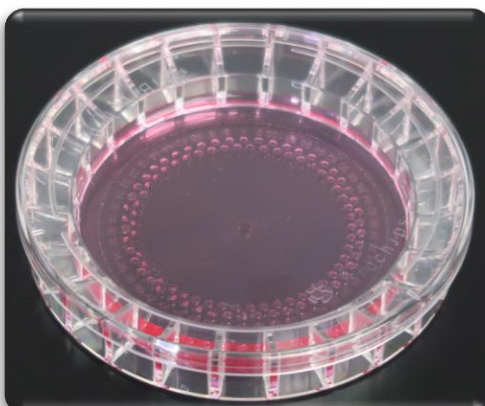
The Simplest & Fastest Way to Handle Single Cells

Single-Cell Isolation



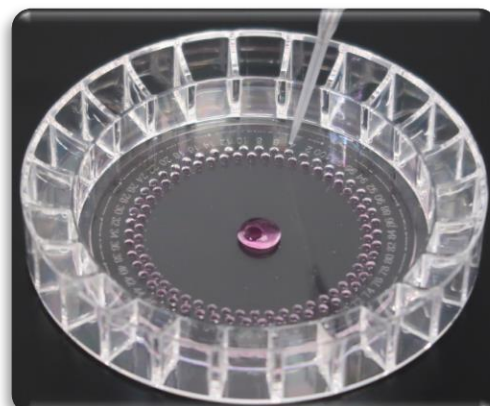
- Easy to operate with high efficiency
- High integrity for single-cell PCR

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
Smart Aliquotor Family	😊	😊	😊	😊	😊	😊	😊
Serial Dilution	😊	😊	😊	😊	😞	😞	😞
Micro-manipulation	😞	😞	😊	😊	😊	😊	😊
Flow Cytometry	😞	😞	😞	😊	😊	😊	😞
Microwell & Droplet Systems	😞	😞	😊	😞	😊	😞	😞

Performance: 😊 **Excellent** 😊 **Intermediate** 😞 **Poor**