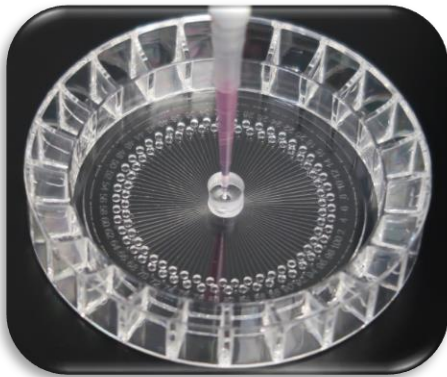


The Smart Aliquotor greatly simplifies single-cell isolation for accelerating single-cell genetic and clonal analysis.



Single-Cell Isolation

- Easy to operate with high efficiency
- Excellent integrity for PCR and sequencing



Single-Cell Cloning

- High viability and high efficiency
- Easy to track whole cloning process



Rare Cell Isolation

- From gene edited cells (i.e. CRISPR)
- From clinical samples (i.e. blood)

Basic Features of Smart Aliquotor

Operation is very simple

Only a common pipette is needed for use and takes about 15 seconds.

Excellent cell compatibility

It is compatible with isolation of cells that have diameters less than 50 μm .

High yield and viability

One Smart Aliquotor yields about 30 single cells, which have high viability.

Identifiable and selectable

Each single cell can be easily identified and then selected.

Comparison of Single-Cell Isolation Methods

Capability/Specifics	Serial Dilution	Micro-manipulation	Flow Cytometry	SMART ALIQUOTOR
Simplicity and time consumption	++	+	+	+++
Controllability in transfer volume	+	+++	+	+++
Compatibility in rare cell isolation	+++	+++	+	+++
Compatibility in cell size & shape	+++	+++	++	+++
Throughput	+	+	+++	++
Cell viability	+++	+++	+	+++
Cell selectivity	+	+	++	+++
Affordability	+++	++	+	+++

+++ Excellent, ++ Intermediate, + Poor