

CELL
Microsystems®

CellRaft AIR®
System

CRISPR & CELL LINE DEVELOPMENT

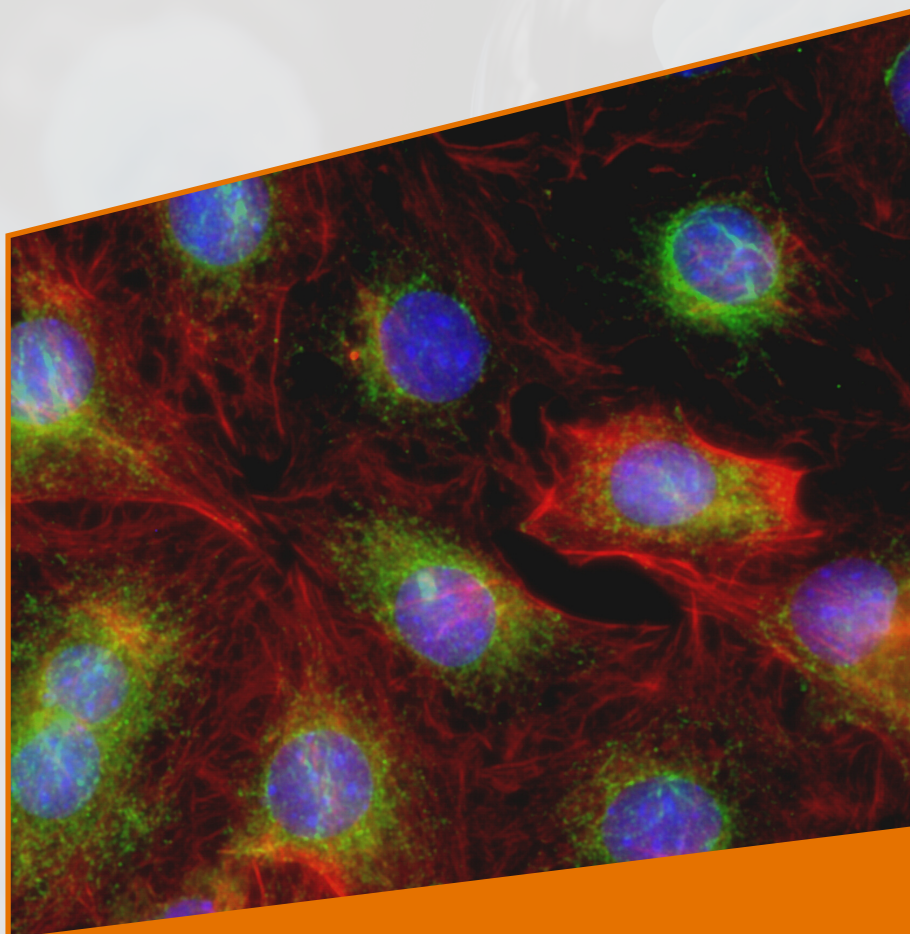
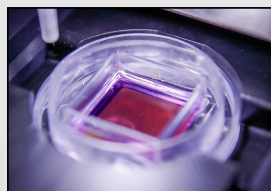
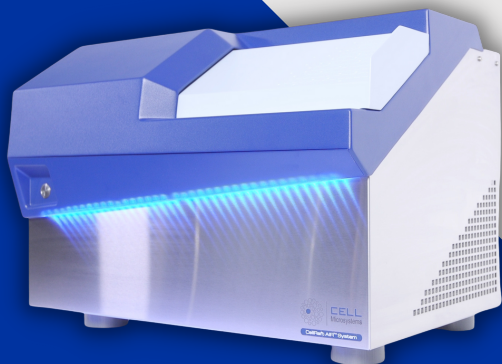


IMAGE • IDENTIFY • ISOLATE

Improve viability, clonality, & efficiency

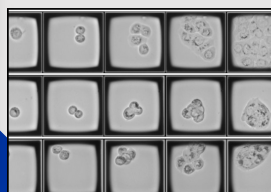
The CellRaft AIR System is a fully automated and hands-free imaging and isolation solution for limiting manual screening and cell manipulation efforts.



IMAGE

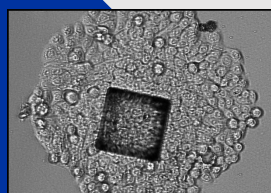
Clear and detailed images of your clones in as little as six minutes with our System's effective 20x magnification*. Precision imaging in brightfield or fluorescence.

*BASED ON CAMERA RESOLUTION



IDENTIFY

Visually connect CRISPR edits to desired phenotype expression at the single cell level on Day 0. Target and track capabilities allow the user to monitor desired cells through the initial colony growth phase.



ISOLATE

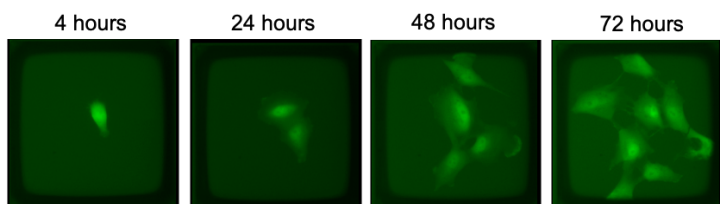
The gentle release, collection, and transfer of the CellRaft to expansion culture plates allow the user to collect desired clonal colonies without damaging the cells, all on a single instrument.

FOR MORE INFORMATION, VISIT
CELLMICROSYSTEMS.COM

Higher clonal yield, better clones selected

MORE CLONES FASTER

Generate phenotypically-verified single cell-derived clonal colonies in 72 hours, with just 15 minutes of hands-on time, and four times the number of clones compared to traditional methods.



FEWER CONSUMABLES, HAPPIER CLONES

Eliminate the need for trypsin, fluidics, or limiting dilution, while getting more clonal colonies. Our System makes happier clones, using fewer consumables and media than competitors.

RECOMMENDED CONSUMABLES

Single cells are separated on CytoSort® Arrays, a proprietary consumable, and cultured over time in shared media, resulting in **faster growth rates** with **better survival rates**.

200 micron CellRafts®

- CytoSort Array Single Reservoir
- CytoSort Array Quad Reservoir
- CytoSort Array HexaQuad™ Reservoir



CELL
Microsystems®

801 Capitola Drive
Suite 10
Durham, NC 27713
info@cellmicrosystems.com