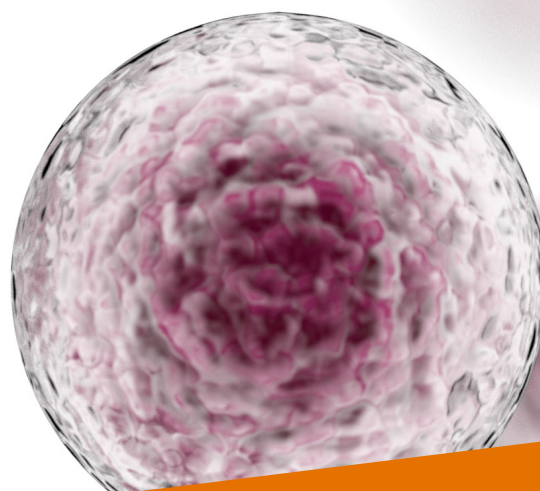




CellRaft AIR®  
System

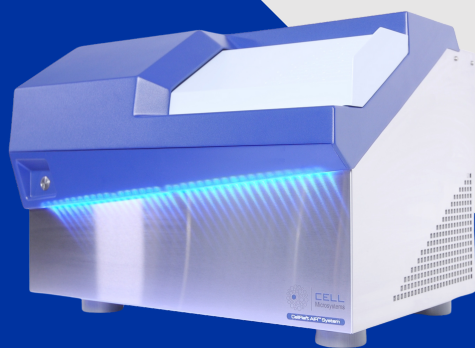
**STEM CELLS**



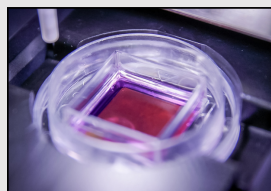
**IMAGE • IDENTIFY • ISOLATE**

# A better way to handle sensitive cells

The CellRaft AIR System's Stem Cell Workflow can eliminate expensive additives and provide greater yields to accelerate the path to drug discovery and new therapies.



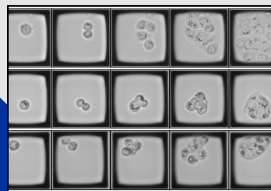
FOR MORE INFORMATION, VISIT  
[CELLMICROSYSTEMS.COM](http://CELLMICROSYSTEMS.COM)



## IMAGE

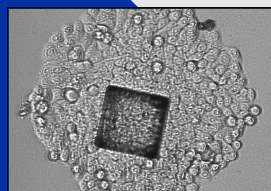
Phenotype-based imaging in brightfield or fluorescence provides clear and detailed visualization of your cells in as little as six minutes with our System's effective 20x magnification\*.

\*BASED ON CAMERA RESOLUTION



## IDENTIFY

Single cell targets identified from Day 0 without the need of dozens of consumables or limiting dilution. Track and trace imaging allows users to monitor colony growth and easily ensure clonality.



## ISOLATE

Single cells and colonies are gently isolated from the CytoSort® Array without the need for trypsinization, resulting in native phenotypes and greater viability for downstream analysis.

## Streamline your cell line development process

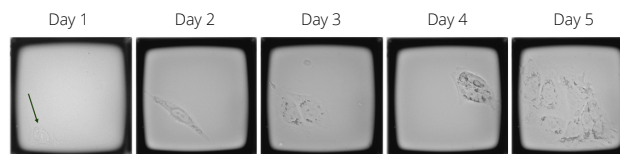
### MORE CELLS, LESS WORK

- Validate single cells from cell seeding.
- Reduce cellular perturbations and spontaneous differentiation.
- Avoid limiting dilution.
- Decrease required hands-on time.
- Use ONE consumable.

### INCREASE CELL VIABILITY

Cells share and enrich a common culture media while remaining singular and isolated. This contiguous media approach is much more favorable and dramatically increases cell viability\*.

\*compared to FACS into a 96-well culture plate



### 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.**

100 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](mailto:info@cellmicrosystems.com)