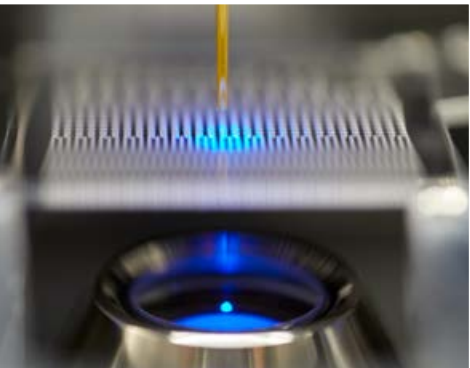
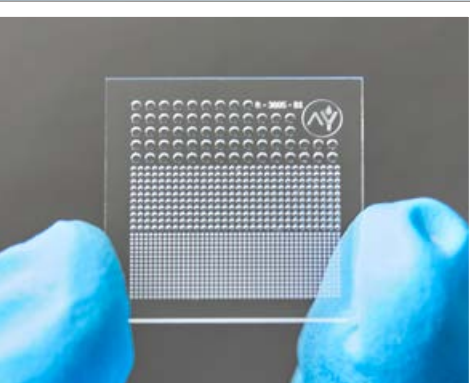


ARRALYZE® CellShepherd
Bringing the Right Cells to Light



Product design may vary



ARRALYZE® CellShepherd

On the footprint of one single microscope slide CellShepherd enables you to conduct tens of thousands of cell experiments simultaneously in nanoliter glass wells with our ARRALYZE® glass arrays. Besides high-throughput and high-precision handling of the samples you also have the benefits of an inert confined environment that allows you to manipulate, observe and even recover the cell.

The high number of possible experiments in short time and little consumption of precious and often costly reagents remove today's necessity to compromise between speed, significance of the experiments and costs.

Find out more: www.arralyze.com

Features* and Fields of Application**

Fields of Application**

- Cell therapy
- Monoclonal antibodies
- Cell line development (CLD)
- Synthetic biology
- Drug development and repurposing
- And other live single cell experiments

Gentle and Fast Handling of Biomaterials

- Printing of pL and nL volumes
- Printing of living cells
- Fully automated drop calibration
- High precision recovery of biomaterial and cells from wells
- Sterile environment

Live Optical Inspection

- Droplet size
- Cell printing
- Cell recovery
- Automated cell count

Microscopic Analysis

- Brightfield
- Phase contrast
- Fluorescence

Compatibility

- Microtiter formats (e. g. 96-, 384-, 1536- or 3456 well plates)
- Microscope slides
- Petri dishes
- Other formats on request

ARRALYZE® Glass Arrays

- Automatic recognition of chip layout
- Automatic position alignment
- Highly customizable layout
- Inert glass environment

* Depending on configuration; additional options on request

** For research use only

Patents Pending

ARRALYZE

Contact us at: info@arralyze.com
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