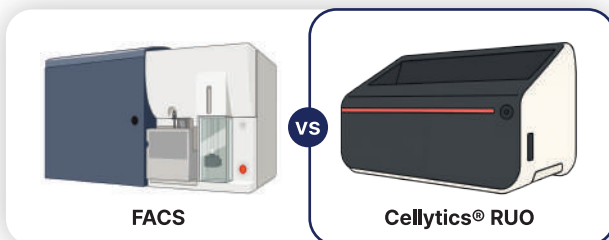


Cellytics® RUO: Faster and Simpler than FACS

The Cell Analysis Platform Researchers Have Been
Waiting For—Explore the Difference.



Comparison Items	FACS	Cellytics® RUO
Total Analysis Time	Over 3 hours	5–10 minutes
Expertise Required	High ★★★	Low ★★☆☆
Analysis Method	Ab-labeled Fluorescence (Fluorescent Marker-based)	Label-Free (Cell Morphology-based)
Flexibility in Analysis	Medium ★★☆☆ (Marker-dependent)	High ★★☆☆

Traditional FACS methods involve costly equipment, complex setups, and large cell-number requirements, limiting research accessibility. Cellytics® RUO transforms your cell analysis workflow with rapid slide-based assays, intuitive interfaces, and advanced AI-powered image analysis—making your research faster, simpler, and significantly more efficient. Experience a smarter approach to cell analysis today.



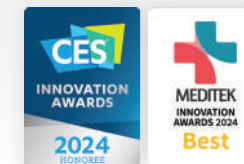
Unlock the Power of
High-Precision Cell Analysis with
Cellytics® RUO

Contact & Demo Request

TEL 044-417-6382

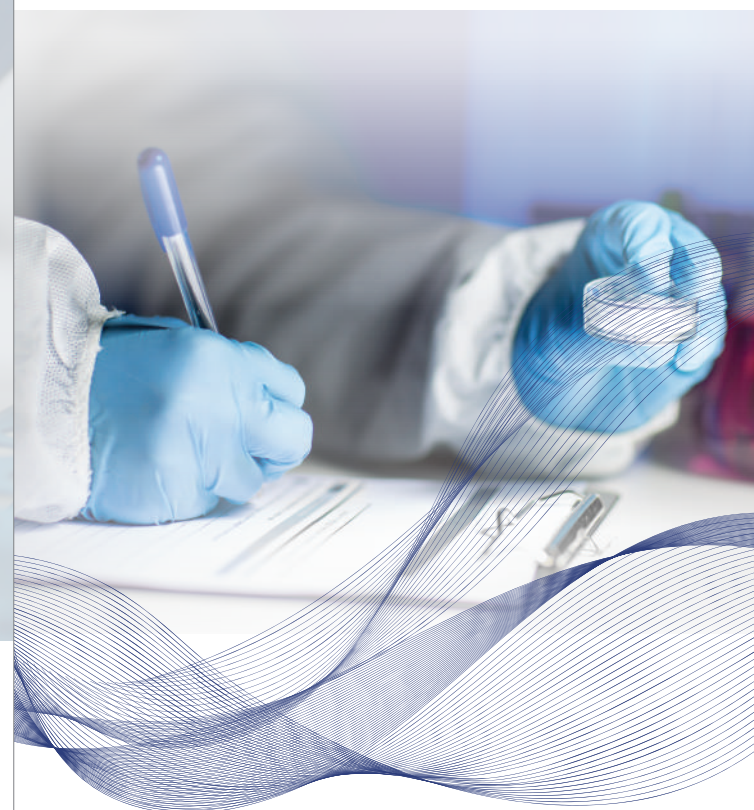
EMAIL contact@metaimmunetech.kr

HOMEPAGE cellytics.net



AI-powered Next-Generation
Cell Profiling Platform for Research

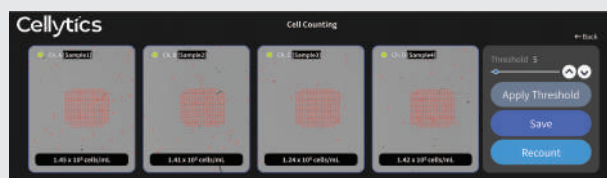
Cellytics® RUO



Unlocking Precision Cell Analysis with Cellytics®RUO

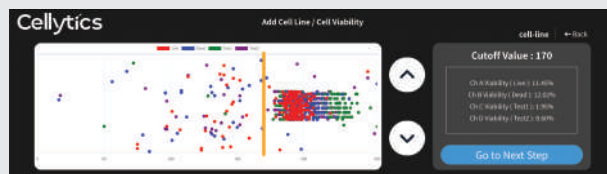
| Cell Counting

- ✓ Image-based Cell Counting
- ✓ Automated Separation of Overlapping Cells
- ✓ Analysis Error Within 2.5%



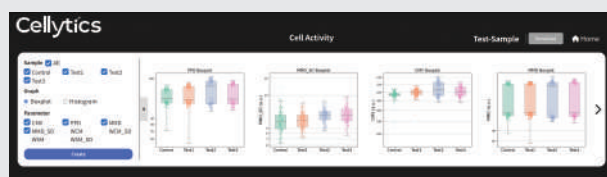
| Cell Viability

- ✓ Morphology-based Viability Classification
- ✓ User-defined Cut-off Settings
- ✓ Applicable to Various Cell Lines



| Cell Activity

- ✓ Analysis of Cell Size, Shape, and Internal Complexity
- ✓ Label-free Cell Activity Analysis
- ✓ Automatic Generation of Result Graphs



Accelerate and Enhance the Accuracy of Your Research.

Have You Ever Faced These Challenges in Immune Cell Research?

"Concerned about having too few cells to analyze?"

Cellytics® RUO delivers accurate results even with low cell concentrations ($\leq 1 \times 10^5$ cells/mL), providing reliable data for rare samples and animal studies.

"Struggling to interpret your analysis results?"

Our AI-driven analysis automatically summarizes your data, providing ready-to-use tables and graphs for immediate insights.

"Not enough time to process multiple samples per day?"

With analysis completed in under 5 minutes per sample, our automated slide-based platform ensures efficient handling, even in high-throughput environments.

"Can I use results immediately in papers or reports?"

Analysis results are delivered as clear, visualized data, ready to use directly without additional processing.

Here's How Experts Are Using Cellytics® RUO:

Research Papers and Poster Presentations

Patent Applications

IR and Institutional Reports

| Collaborating Institutions



Easy-to-Follow 4-Step Analysis Process

1

Prepare a sample of at least 40 µL.

2

Dispense 10 µL of the sample onto each Cellytics® Assay Slide.

3

Select the desired menu in Cellytics®.

4

Run measurement and analysis.

| Product Specifications

Specifications and Description	
Analysis Time	5-10 minutes
Minimum Cell Number	$\geq 1 \times 10^4$ cells
Samples per Run	1-4
User Interface	Touch screen-based Analysis Software
Output Formats	CSV / PDF / JPG
Device Dimensions	W420 x D160 x H224 mm
Components Included	All except Cellytics® Assay Slide