



SPHEROIDS  
ORGANOIDS  
ORGAN-ON-A-CHIP  
MICROPHYSIOLOGICAL SYSTEMS



## LICORbio ATLAS™ IMAGER

The technology that pioneered fluorescent imaging in 2001, now equipped with more channels for more applications and unique innovations in 2D and 3D cell imaging.

# LICORbio ATLAS IMAGER



## KEY SPECIFICATIONS

- 6 lasers for multiplex fluorescence from UV to NIR (375–800 nm)
- 30 channels spanning brightfield, luminescence, RGB, etc.
- Image entire plates, wells, and all assays without stitching
- Proprietary hardware enables high dynamic range and ensures accurate quantification
- Z-stack capability of up to 5 millimeters
- 6-, 24-, 96-, 384-, and 1536-well plate compatibility
- Free, powerful, and user-friendly software included



### FAST IMAGING

The LICORbio Atlas Imager can scan a whole plate in under one minute.



### STREAMLINED WORKFLOWS

This easy-to-operate screening platform combines imaging and analysis for a wide variety of applications.



### ACCURATE QUANTIFICATION

The LICORbio Atlas Imager features patented imaging technology that provides unmatched sensitivity and reliable quantification.



### EXPANSIVE VIEW

Enables wide-view imaging of large vessels and complex models such as organoids and microphysiological systems (MPS) without stitching.



EXPERIENCE THE FUTURE OF DRUG RESEARCH.  
EXPLORE ALL LICORbio ATLAS IMAGER APPLICATIONS.

LICORBIO.COM/ATLAS

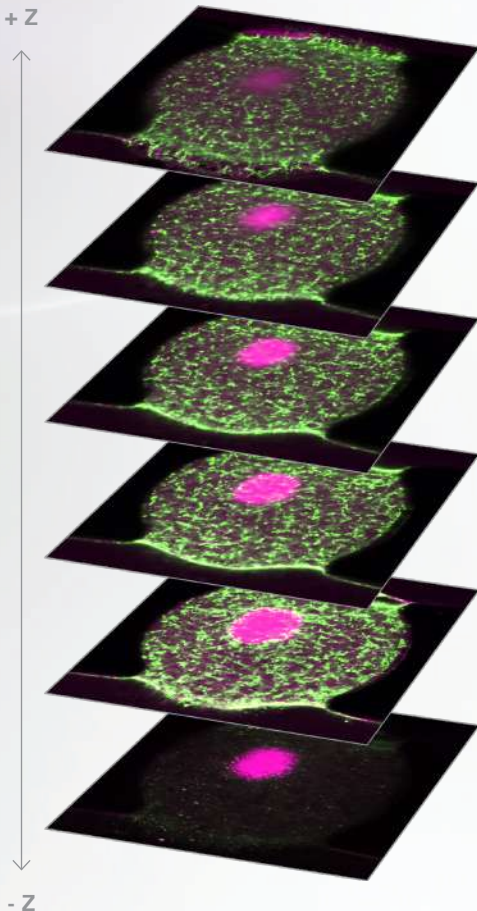
### RELIABLE, QUANTIFIABLE RESULTS

- World-class sensitivity
- Whole-well imaging
- No intensity corrections
- No laser adjustments
- No saturation
- No stitching

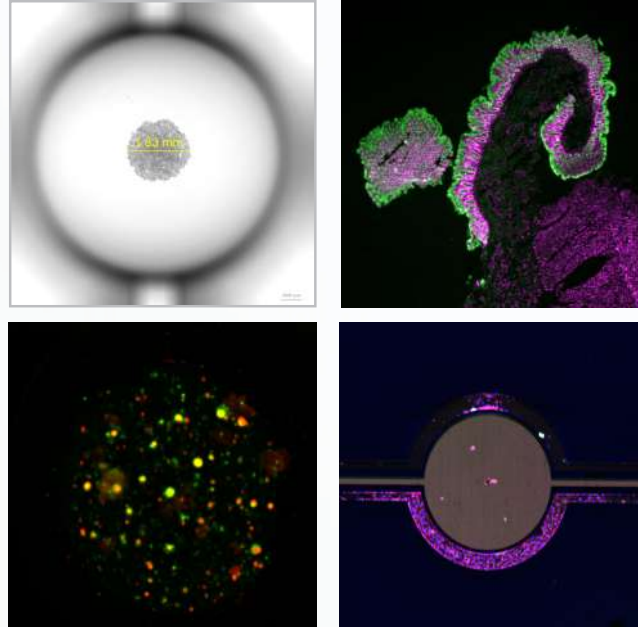
### WITH THE LICORBIO ATLAS IMAGER, YOU CAN:

- Perform **fluorescent quantification and multiplexing experiments with minimal crosstalk between channels** thanks to our proprietary lasers and filters.
- **Save time with unique screening capabilities** and an instrument that delivers the deepest detection range for the widest breadth of assays.
- Maintain the integrity of your samples and results with an imaging system designed to **minimize photobleaching and phototoxicity**.
- Capture a wide field of view to **image your entire sample**, including large vessels and complex models such as organoids and microphysiological systems, **without stitching**.
- **Reduce data hassles with smaller image sizes** and no tiles to store.
- Generate reliable data with our **free software** that provides image acquisition and analysis in a single application.

### Z-STACK MULTIPLEX FLUORESCENCE



### ACCURATE QUANTIFICATION IN BRIGHTFIELD, FLUORESCENCE, AND LUMINESCENCE

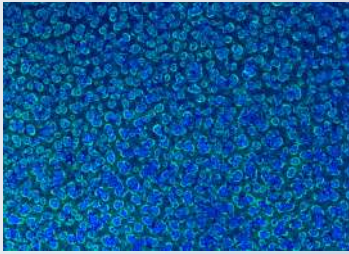


### ACCURACY, CONSISTENCY, REPRODUCIBILITY

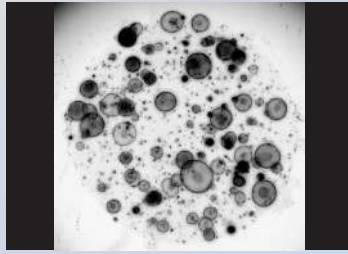
85% of our customers choose LICORbio again and again. Our instruments are a lasting investment, delivering multi-functional capabilities and requiring minimal maintenance. It's no wonder so many researchers choose LICORbio as their constant partner in discovery.



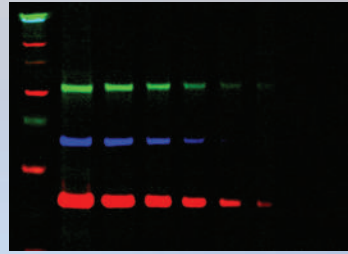
FOR MORE APPLICATIONS,  
VISIT [LICORBIO.COM/ATLAS](http://LICORBIO.COM/ATLAS)



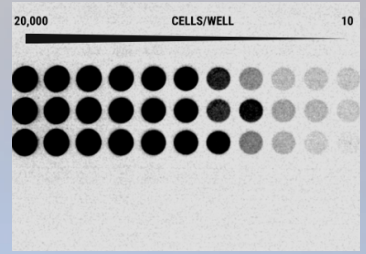
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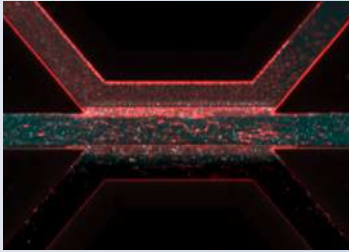
2D PROJECTION FROM  
ORGANOID DOME



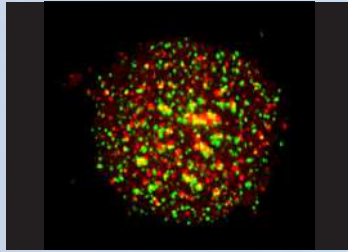
GELS AND MEMBRANES



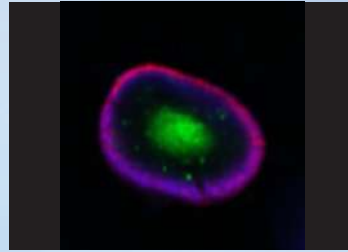
CELL HEALTH ASSAYS



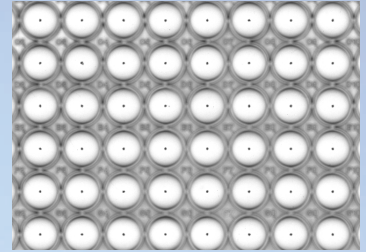
MPS IMAGING



FLUORESCENT PROTEINS



MULTIPLEX FLUORESCENCE



WHOLE-PLATE IMAGING

R N L C V 0 V 2 D Y R E L I A B I L I T Y S 0 7 W L O N G E V I T Y  
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S T Y A F R Q S U P P O R T N G 3 N 1 S U P P L I E R 6 P A U S E

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