



ATLAS_

ACCELERATE DISCOVERY
IN 2D AND 3D CELL IMAGING

ATLAS™



BETTER DATA . FASTER BREAKTHROUGHS . CONFIDENT CHOICES .

The next era of cell imaging isn't just sharper—it's smarter, faster, and scalable, too. Atlas by LICORbio is the first solution purpose-built for both 2D and 3D assays, delivering higher-content, higher-throughput imaging with unmatched speed, scale, clarity, and ease. This single platform simplifies workflows, eliminates inefficiencies, and captures deep spatial insights. All in a fraction of the time—and at a fraction of the cost—of competitive solutions.

> ACCELERATE DECISIONS

Atlas can scan a whole plate in under one minute, not hours—keeping research moving and timelines on track.

> STREAMLINE OPERATIONS

Combining imaging and measurement in one platform, Atlas will streamline your workflows. This powerful instrument is also easy to use, reducing manual steps, consolidating equipment, and freeing up resources.

> CUT COSTS, NOT QUALITY

Atlas delivers higher-throughput, higher-content imaging without the high price tag of currently available solutions.



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

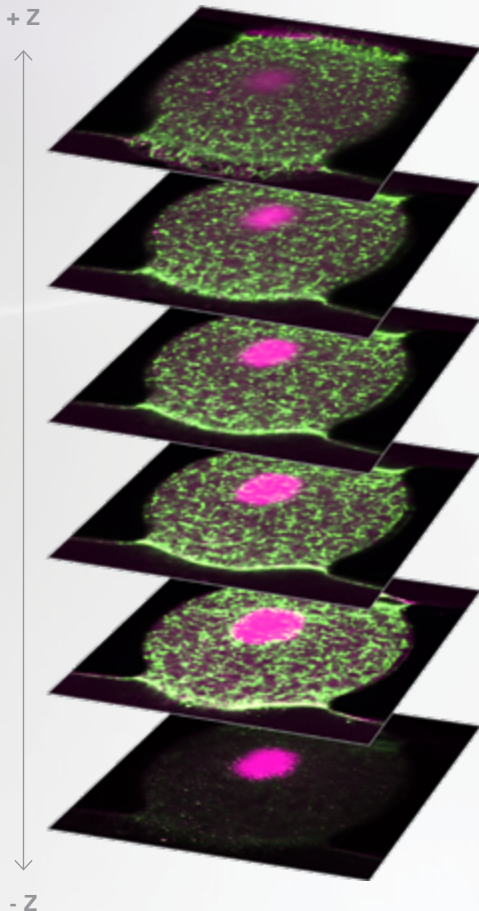
LICORBIO.COM/ATLAS

THE FASTER, BALANCED SOLUTION FOR CELL IMAGING.

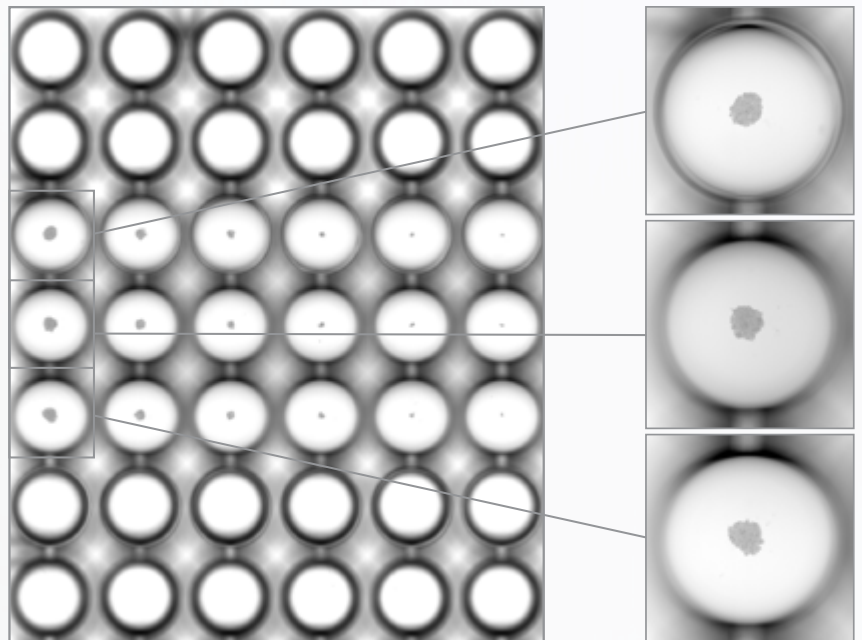
Created for the demands of translational research, Atlas delivers fast, precise 2D and 3D imaging, without the need for manual tuning, stitching, intensity correction, or other post-processing. You get reliable, quantifiable results in less time, so you can keep your focus where it belongs: on your next discovery.

- Acquire entire wells in an image to perform rapid, full-plate screening, and conduct higher-resolution deep dives (5 μm) into individual wells and regions of interest.
- No post-processing manipulation needed, such as stitching or illumination correction.
- The unique line-scanning technology enables whole-plate imaging in less than one minute.
- The patented optical system gives you unmatched sensitivity and dynamic range in a single scan. It minimizes background fluorescence and enhances quantitative multiplexing for critical drug discovery applications.
- Over 30 imaging channels with six lasers spanning UV to near-infrared, plus LED RGB for brightfield and epi-illumination.
- Perform cell viability and luminescence assays with the built-in luminescent imager.
- The expansive focus depth enables imaging through entire 3D cell structures such as spheroids, organoids, organ-on-a-chip, and other microphysiological systems.

Z-STACK MULTIPLEX FLUORESCENCE



MONITOR CELL CULTURE PLATE AND SINGLE-WELL SCANNING



END-TO-END SOLUTION FOR CELL-BASED ASSAYS.

Explore the essential assays and emerging applications you can perform with the Atlas Imager. With each scan you can expect accuracy. Consistency. Reproducibility. And absolute confidence in your results. Because at LICORbio, we have one goal: to be your constant in advancing research and finding the answers you seek.

YOUR CONSTANT

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