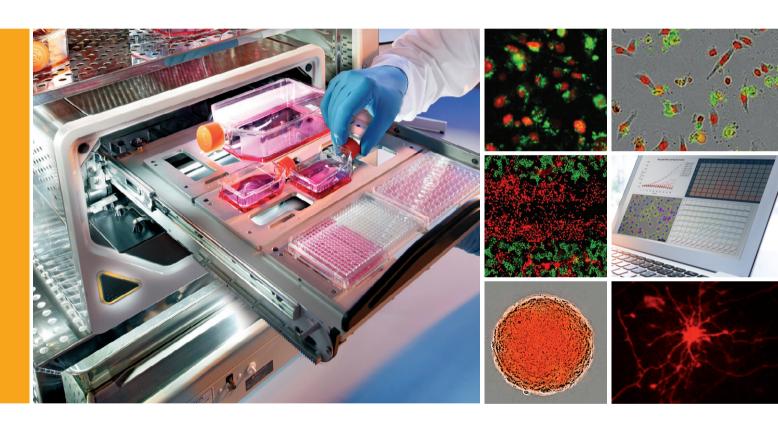


IncuCyte® Live-Cell Analysis Empower Live-Cell Research Inside Your Incubator



Innovation Never Takes a Break

Analyze your cells for days, weeks or even months as they sit stationary in the stable environment of your tissue culture incubator. IncuCyte speeds scientific discovery by combining lab-tested protocols and reagents with powerful, automated image acquisition and analysis. With IncuCyte's userfriendly interface and robust instrument portfolio, any cell biologist can gain dynamic insights into the health, morphology, movement and function of their cell models.



Protect your cells

- Perform analysis without removing cells from the incubator or disturbing cultures.
- Maintain cell health and morphology with nonperturbing reagent

Get new answers

analysis.

activity.



Ask new questions

- Devise new experiments not previously possible.
- Conduct routine monitoring and get answers to unique scientific questions with kinetic, image-based measurements.



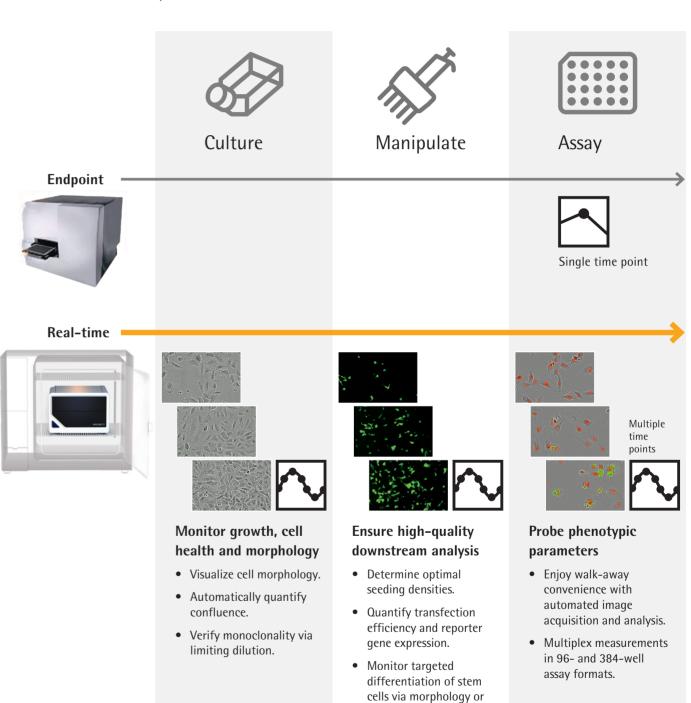
Improve productivity

- Enjoy walk-away convenience as images are automatically acquired and analyzed.
- Multiplex measurements in 96- and 384-well assay formats.



Insight and Accuracy at Every Step

Whether you simply want to improve experimental outcomes with enhanced cell culture quality control, or study complex cell-cell interactions, the IncuCyte can meet your needs. Seamlessly transition from one step in your workflow to the next with interchangeable trays to support tissue culture flasks, dishes, or multi-well plates.



Comparison of typical cell workflows using traditional end-point and real-time cell analysis methods. With real-time analysis, observations and measurements are generated throughout the cell culture workflow, in addition to the phenotypic parameters in the assay.

fluorescent markers.

Push the Boundaries of Research and Development

Neuroscience

IncuCyte's suite of applications can fast-track your next discovery. **Cell Health** Rapidly generate new insights with a system designed for a range of cell and Proliferation types - from proliferating tumor cells to non-adherent immune cells to Cell counting sensitive primary cells. IncuCyte's design features a fixed sample stage and uninterrupted incubation for minimal disturbance to precious cells. Viability Apoptosis Cytotoxicity Tumor Spheroid Oncology Cell Cycle **Cell Function** Immune Cell Killing Antibody Internalization Immuno-Oncology Phagocytosis **NETosis** Therapeutic **Neuronal Activity** Areas Angiogenesis Live-Cell **Immunology** Immunocytochemistry **Cell Movement** and Morphology Scratch Wound

Neurite Outgrowth

4

Migration

Invasion

Chemotaxis

Immune Cell Activation

Around-the-Clock Analysis

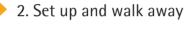
With IncuCyte's powerful, automated workflow, research continues day and night.



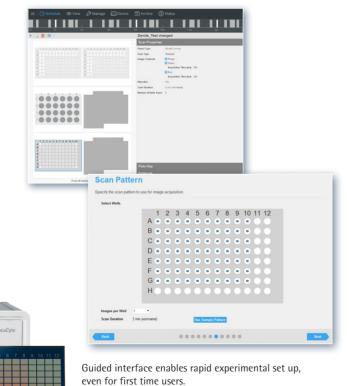
1. Simple, flexible sample prep

- Compatible with a wide range of culture vessels and applications.
- Maximize efficiency with IncuCyte reagents.



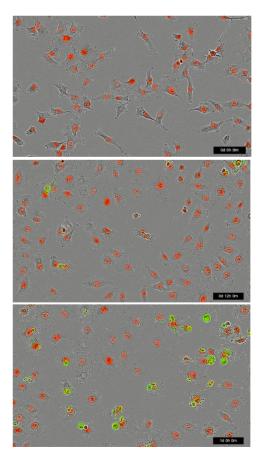


- Simple and flexible experimental set up.
- Remote, networked access.



3. Acquire and view images over time

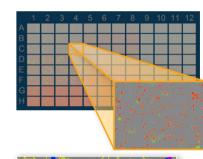
- Multiple imaging modes.
- Minimize disturbance of cells.



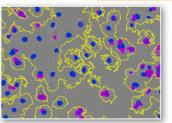
Automatically acquire images over time.

4. Analyze in real time

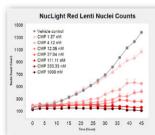
- Efficient and reproducible image analysis.
- Powerful visualization of images and kinetic measurements.



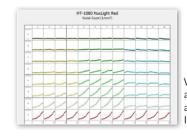
Use IncuCyte® VesselView to review images of all locations in the vessel at once and quickly assess experimental results, plus zoom in on images of interest.



Automatically identify regions of interest via masks.



Generate presentation-ready timelapse graphs.



View all 96- or 384-well kinetic trends at once with IncuCyte® PlateGraph and export data to calculate EC50 or IC50 response values.

6

IncuCyte: The Complete Solution for Powerful Phenotypic Cellular Analysis

IncuCyte's portfolio of systems, software, reagents and consumables are driving insights and fast-tracking research. With over 2,500 peer-reviewed publications from scientists in 40 countries, IncuCyte is empowering research around the globe.

IncuCyte Live-Cell Analysis Portfolio

	IncuCyte® Systems	Automatically acquire and analyze fluorescence and phase contrast images around the clock – inside your incubator. Interchangeable trays accommodate flasks, dishes, or multi-well plates.
	IncuCyte® Software	Purpose-built, application-specific software modules streamline image acquisition and analysis, empowering users at all levels to answer a range of scientific questions.
Topic lines	IncuCyte® Reagents	All reagents are not created equally. Reduce time spent troubleshooting and spend more time investigating with IncuCyte® Reagents optimized for long-term kinetic experiments and IncuCyte® System optics.
	IncuCyte® Consumables	Optimized cell culture-ware designed for long term timelapse experiments, plus uniquely-designed consumables tailored for IncuCyte's cell movement applications.
	IncuCyte® Services	Get timely customer support from our experts, and worry-free service: IncuCyte service warranty coverage can be extended at any time with a range of warranty products.

For additional information:

North America

Phone: +1.734.769.1600, ext. 1 E-mail: orders.US07@sartorius.com

Europe

Phone: **+44.0.1707.358688**

E-mail: euorders.UK07@sartorius.com

For Japan, Australia and other countries around the world:

Phone: +65.6872.3966

E-mail: orders.US07@sartorius.com

Get connected!

Follow IncuCyte® Live-Cell Analysis System on your favorite social media outlets for the latest updates, news, products, innovations.



facebook.com/essenbioscience/



linkedin.com/company/essen-bioscience/



twitter.com/EssenBioScience