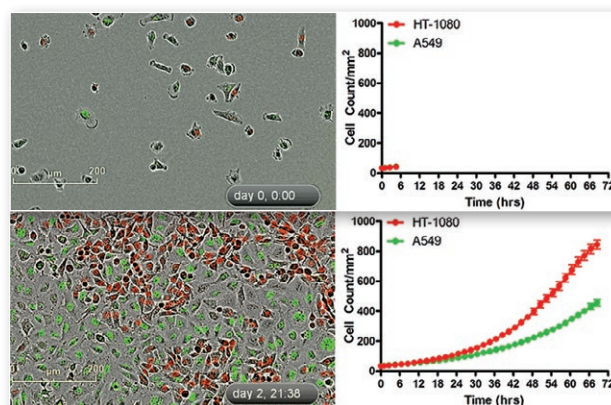


IncuCyte® S3 Live-Cell Analysis System

Real-time automated measurements of cell health, movement and function—*inside your incubator.*

The IncuCyte® S3 Live-Cell Analysis System is a flexible assay platform that automatically acquires and analyzes HD phase and fluorescent images of living cells, around the clock, for days, weeks, or months.



Ask new questions

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



Get new answers

- Never miss a data point with real-time continuous analysis.
- Profile cell-specific and time-dependent biological activity.
- Visualize and validate results with images and movies.



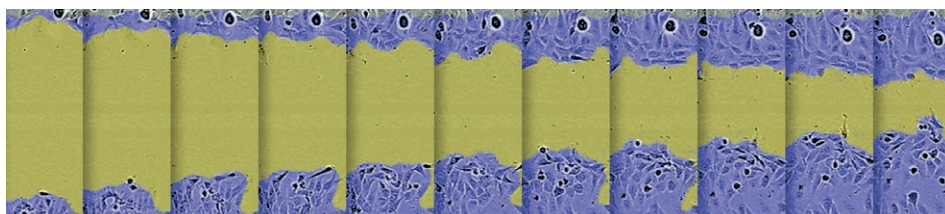
Improve productivity

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



Protect your cells

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

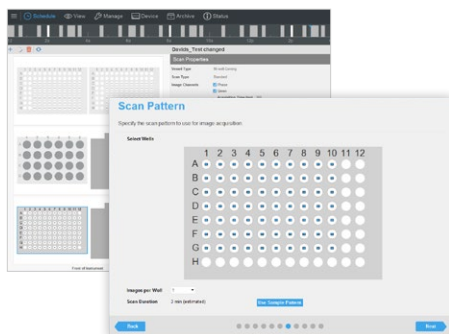


Derive deeper insights with real-time live-cell analysis.

Automatically acquire images over time, and identify regions of interest via masks. Generate presentation-ready time lapse graphs, and export data to calculate EC50 or IC50 response values.

How IncuCyte transforms research

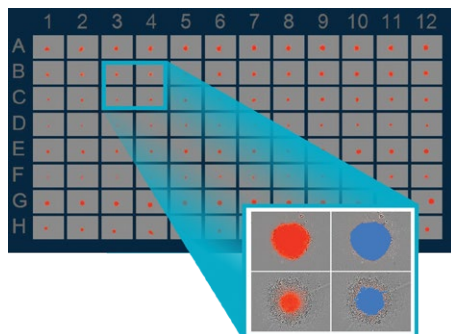
A simple, yet powerful workflow that supports your entire research team day and night.



Guided interface enables rapid experimental set up, even for first time users.

Set up and walk away

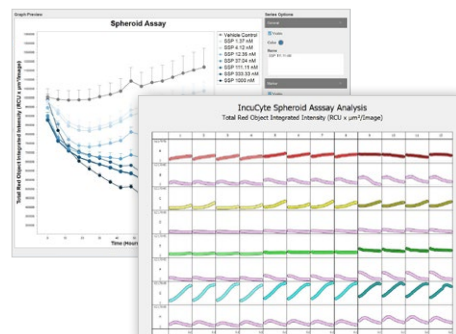
Set up automated acquisition and analysis parameters with confidence – no need to pre-define the assay endpoint. Control the IncuCyte from any networked location with unlimited, free licenses for your lab.



View all of your wells at once, then zoom in on images of interest with the new VesselView®.

Acquire images over days or weeks

Acquire images while cells remain stationary inside your incubator – perfect for sensitive and non-adherent cell types. Rapidly optimize variables and experimental conditions with 96-well and 384-well formats.



Flexible and customizable tools create publication-ready graphs of kinetic trends and effects.

View and analyze in real time

Generate spatial and morphological image-based measurements that are easily validated with images and movies. Use application-specific processing and analysis tools for reproducible, quantitative analysis while images are collected.

Ordering information

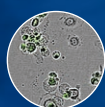
Contact us at sales@essenbio.com to place an order or for more information.

PRODUCT	DESCRIPTION	CAT. NO.
IncuCyte® S3 Live-Cell Analysis System	Includes image acquisition and analysis system with: <ul style="list-style-type: none"> • 4x, 10x, and 20x objectives on a motorized turret • Controller with 16.4 TB storage • Unlimited software licenses for standard acquisition and basic analyzer (additional modules are required for certain applications) 	4647
IncuStore® S Storage Unit	Additional 32.7 TB storage for IncuCyte S3	4689

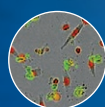
See what you can do with the IncuCyte® System

Learn more at www.essenbioscience.com/applications

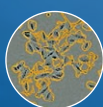
Cell Health



Apoptosis



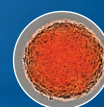
Cytotoxicity



Proliferation

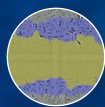


Neurite Analysis



Tumor Spheroids

Migration & Invasion

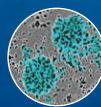


Scratch Wound Migration and Invasion

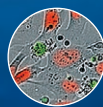


Chemotaxis

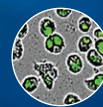
Cell Function



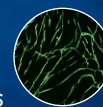
Immune Cell Clustering



Immune Cell Killing

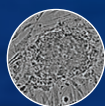


Phagocytosis



Angiogenesis

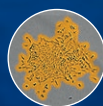
Cell Monitoring and Other Workflows



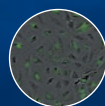
Stem Cell Monitoring and Reprogramming



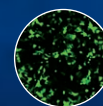
Cell Culture QC



Dilution Cloning



Transfection Efficiency



Reporter Genes

View over 1,000 publications at essenbioscience.com/publications and see how IncuCyte is enabling science.