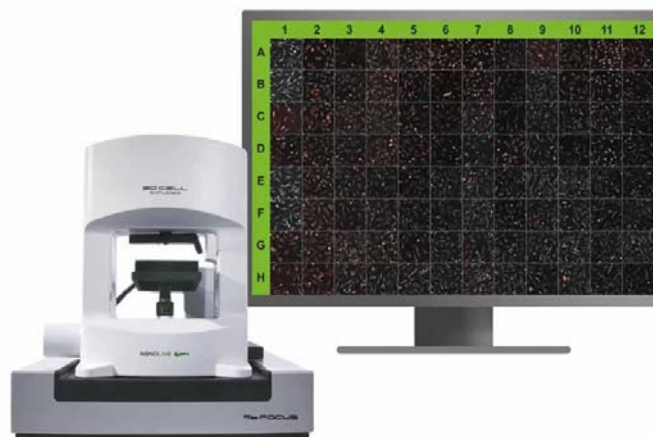




Unlock the power of unlimited high content live cell analysis with the 3D Cell Explorer 96focus. Our unique approach enables analysis and re-analysis of label-free image data with our AI-powered digital assays. As always, the simple, autonomous workflow ensures that your precious time in the lab is used efficiently, and you can be confident that your samples are in good hands, whether you are imaging for an hour, or days.



Streamlined, automated workflows: save time and money



Long-term monitoring of cells, label-free



High content, multiplexed, reliable live cell data



Fully integrated, cutting-edge digital analytical solutions

Get higher significance,
earlier and faster.

THE 3D CELL EXPLORER 96FOCUS

Streamlined, automated workflows: save time and money

De-risk your clinical studies by reducing time to failure and increasing confidence in preclinical lead candidates.

Achieve efficient and cost-effective live cell experiments

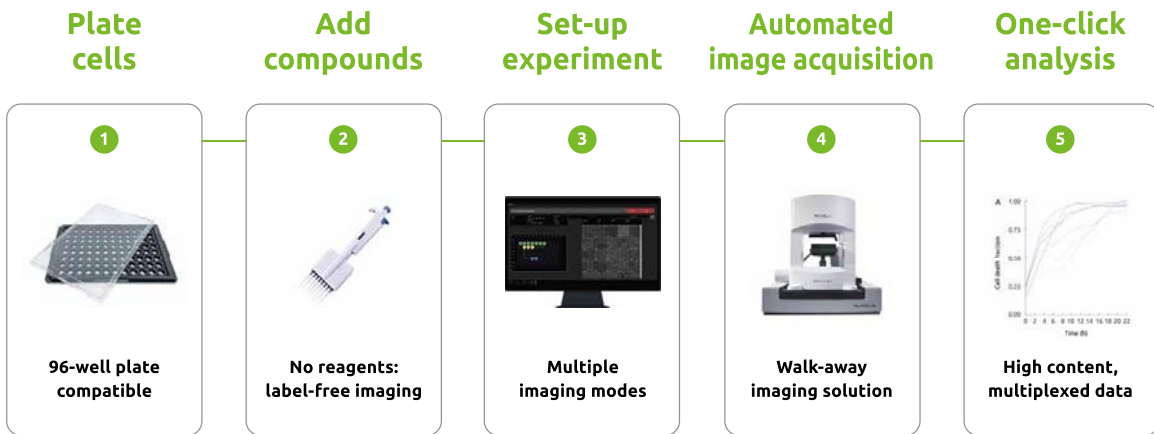
With Nanolive's 96-well capacity and dynamic high content unbiased data, reduce the number of separate or parallel experiments needed, and reduce your use of expensive cell lines and reagents.

Maximize research efficiency with automated acquisition and analysis

Use Nanolive's fully automated solution to reduce hands-on time needed to run experiments. Each dataset can be run through multiple digital assays, and the raw data is always conserved.

Walk away

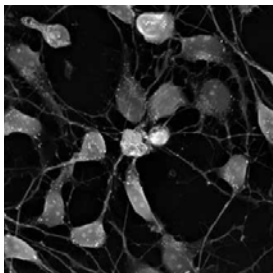
Nanolive's walk-away label-free imaging solution saves hands-on time and allows you to leave your acquisition and analysis running and return when imaging is completed.



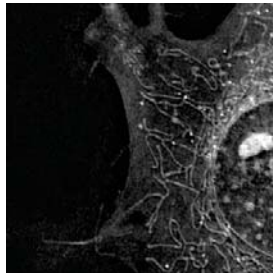
Long-term monitoring of cells, label-free

Your live cell studies do not have to be restricted by reagents or cell properties. Nanolive's label-free technology allows frequent image capture for days while the stage-top incubator takes care of your cells. Even fragile and sensitive cells can be imaged for long durations without fixing, damage, or phototoxicity. Capturing complex dynamic processes, such as neural network formation, mitochondrial dynamics, stem cell differentiation, and cell-cell killing, is now possible in detail.

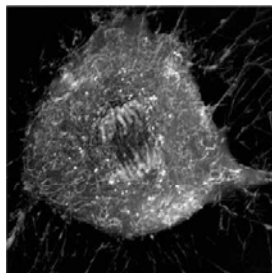
Neurons



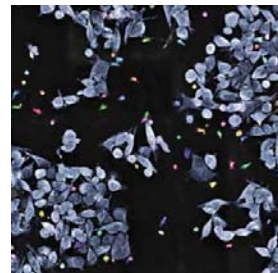
Mitochondria



Stem cells



T cells



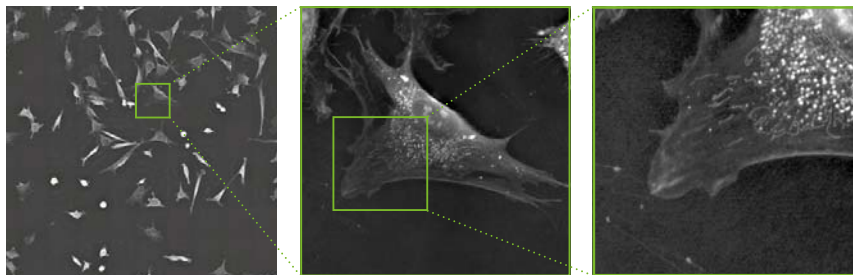
THE 3D CELL EXPLORER 96FOCUS

High content, multiplexed, reliable live cell data

Our technology ensures that you can switch between the population, single cell, and organelle levels when visualizing or analyzing your data without missing any detail, as the subcellular resolution is preserved even when imaging a large field of view.

- **Population level:**
cell health, cell death, apoptosis, necrosis, cell growth, and cell-cell interactions
- **Single cell level:**
organelle distribution, cell morphology, membrane dynamics
- **Organelle level:**
organelle dynamics, mitochondrial morphology, chromosome condensation, lipid accumulation

Population level Single cell level Organelle level



795×795 μm

108×108 μm

39×39 μm

Fully integrated, cutting-edge digital analytical solutions

Get higher significance earlier and faster with our panel of application-specific, push-button digital assays. Retroactive analysis is possible at any time.



Measure population, cellular, and subcellular phenotypic metrics with **EVE Analytics**

Profile cell health, death, apoptosis and necrosis, label-free, and monitor the responses of different cell lines in co-culture simultaneously with the **LIVE Cytotoxicity Assay (LCA)**

Measure and characterize simultaneously how live T cells find, bind, stress and kill their targets with the **LIVE T Cell Assay (LTCA)**

Measure lipid droplet characteristics at population, cellular, and individual droplet levels with the **Smart Lipid Droplet Assay (SLDA)**

Combine imaging workflows and capture consecutive fluorescent and refractive index images for direct comparison thanks to our **4-channel epifluorescence**

What will your lead candidate look like?

Mitochondrial uptake by cells – mitochondria Fluorescently-tagged in red.

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