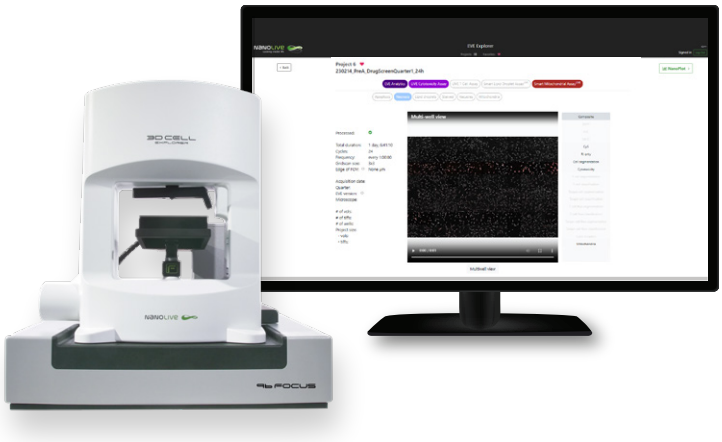
NANOLIVE SOLUTION



Discover the power of continuous high-content, label-free discovery with Nanolive. Run robust, hands-off experiments powered by fully automated holotomographic imaging and AI-powered digital analysis with EVE Explorer. Application-specific digital assays provide actionable, multiplexed insights from every well, every cell, and every pixel.



- Streamlined, automated workflows: save time and money
- Label-free monitoring meets high-content insights
- EVE Explorer: powering cutting-edge analysis
- Application-specific digital assays

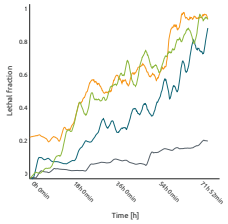
From imaging to impact: quantify biology in real time

Streamlined, automated workflows: save time and money

De-risk your *in vitro* preclinical studies, reduce time to failure and increase confidence in lead candidates.

Nanolive's automated, 96-well solution allows researchers to run high-content, label-free experiments with minimal prep and maximum efficiency. By eliminating staining procedures and minimizing the use of expensive reagents and cell lines, you save both time and resources.

Hands-on time is drastically reduced thanks to automated image acquisition and AI-powered analysis. Simply set up your experiment, walk away, and return when imaging is complete. Multiple digital assays are just a click away and can be applied to the same raw dataset to to extract multiparametric insights without re-running imaging.

Plate cells	Add compounds	Set up experiment	Automated image acquisition	One-click analysis
1	2	3	4	5
				
96-well plate compatible	No reagents: label-free imaging	Multiple imaging modes	Walk-away imaging solution	High-content, multiplexed data

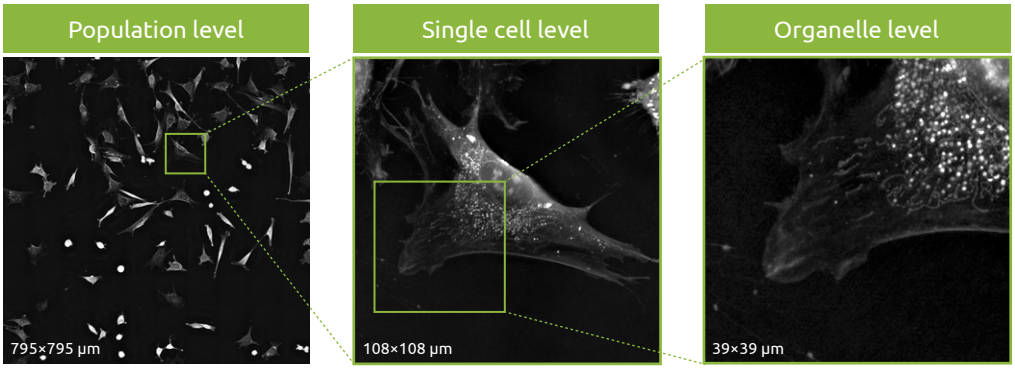
Label-free monitoring meets high-content insights

Nanolive's live cell imaging solution enables frequent, long-term capture of label-free images without reagents, phototoxicity, or cell damage. Even the most fragile and sensitive cells can be imaged over time, enabling dynamic studies of processes like neural network formation, mitochondrial dynamics, stem cell differentiation, and immune-mediated killing.

Captured images are automatically quantified using EVE Explorer's robust suite of AI-powered digital assays. Push-button workflows extract phenotypic metrics across all scales (from populations to individual cells and organelles), supporting high-content, high-precision discovery.

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

Combine imaging workflows and capture consecutive label-free refractive index and fluorescent images for direct comparison thanks to optional 4-channel epifluorescence.



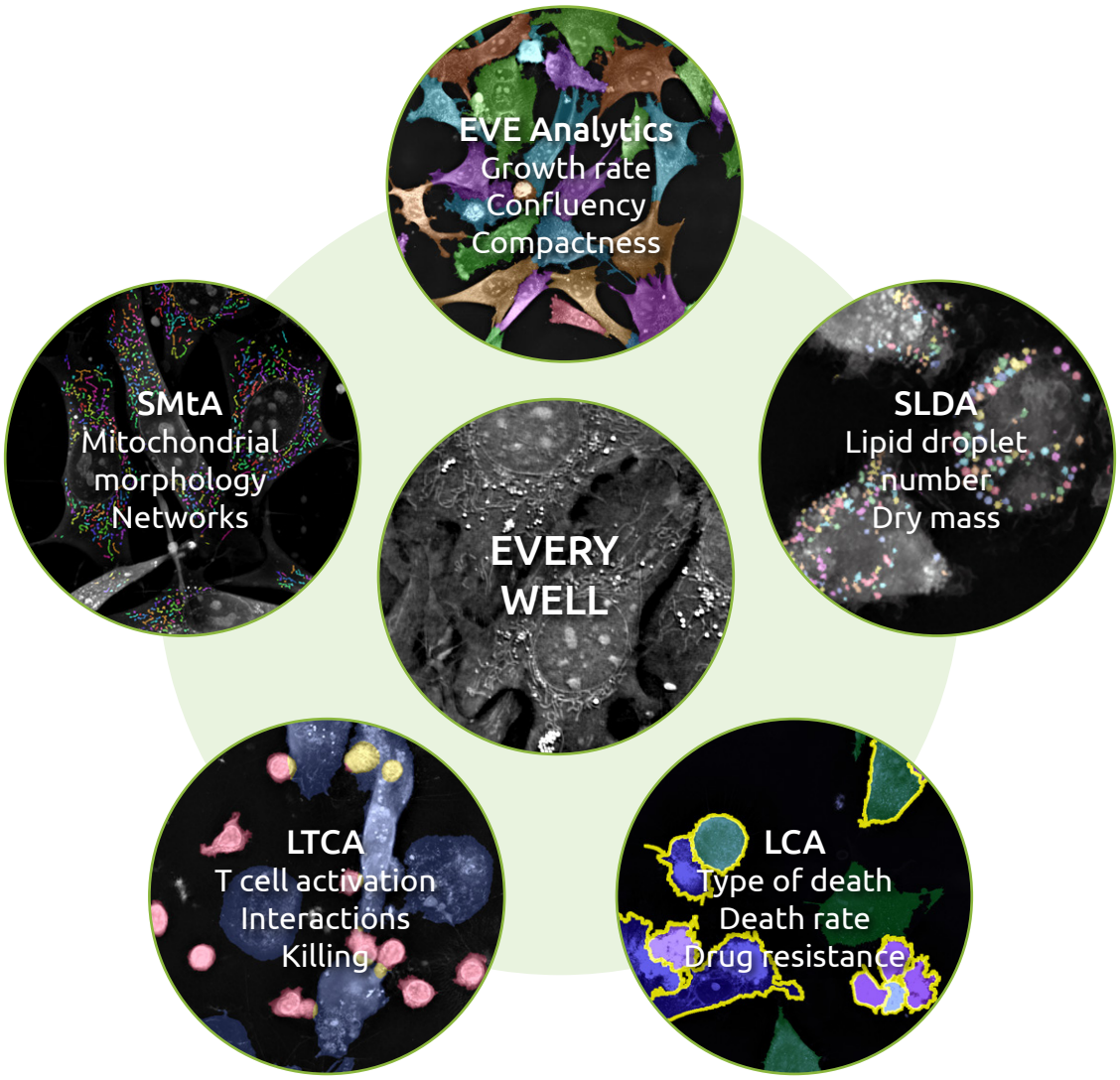
EVE Explorer: powering cutting-edge analysis

EVE Explorer quantifies cellular and organelle responses from label-free live cell images via intuitive workflows, customizable plotting, and seamless data management. With its AI-powered digital assays for cell segmentation and robust metrics, EVE Explorer automatically transforms raw image data into reproducible, actionable insights.

- **EVE Analytics (General Metrics)**
  Growth rate, confluency, compactness, and cell morphology evolution over time.

Application-specific digital assays

- **LIVE Cytotoxicity Assay (LCA)**
  Distinguish living, apoptotic, and necrotic cells label-free and continuously, for drug screening and toxicity testing.
- **LIVE T Cell Assay (LTCA)**
  Quantify T celll activation, viability, and cancer cell interactions and killing with dynamic, multiplexed metrics in co-culture systems.
- **Smart Mitochondrial Assay (SMtA)**
  Analyze mitochondrial morphology, content, and distribution for metabolic and toxicity profiling.
- **Smart Lipid Droplet Assay (SLDA)**
  Quantify lipid droplet features to support metabolic research and lipid-targeted drug discovery.



Label-free. Real-time. AI-Powered.
Transform your discovery pipeline today.



Contact us
Would you like to learn more or have a demo?
Let us know!

Email
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Click or scan to get in touch!

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