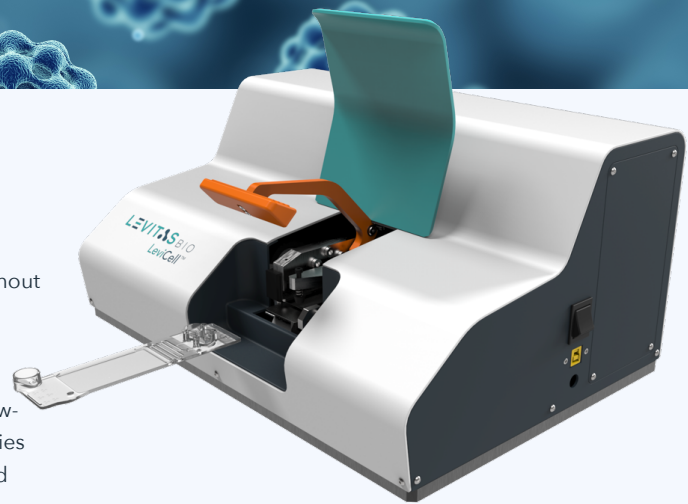


# Introducing the World's First Label-Free Live Cell Separation Technology

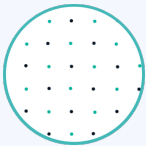
## Powerfully Simple Workflow for Label-Free Cell Sorting

LevitasBio has introduced the first commercial platform that sorts live cells without any markers or modifications. For the first time, researchers have access to all high-value primary samples regardless of starting cell number or viability.

The LeviCell delivers simple, label-free cell separation in a fast, reliable and low-maintenance solution to sort cell populations. Thus, the LeviCell enables studies and beneficial uses of previously inaccessible, high-value primary samples and sensitive cell types regardless of the starting cell number or viability.



## An entirely novel and extremely powerful capability to separate cells



**1 Sample Introduction**  
Sample pipetted into the LeviCell cartridge.

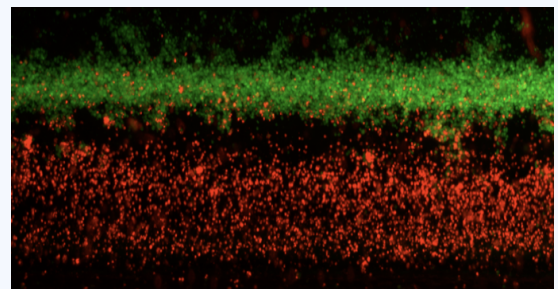


**2 Automated Label-Free Sorting**  
Magnetic force drives levitation based on cells' physical properties.



**3 Separation & Sorting**  
Levitated cells transition into separate collection ports for later removal.

Early access systems already deployed at leading research partner laboratories.



LeviCell imaging: View of live cells levitating vs. dead cells.  
\* Note: Color staining is only used to demonstrate separation by levitation and is **not required**.

# Platform Advantages

Fast, simple, and highly-flexible platform requiring minimal training and no calibration.



## HIGHER SORTING ACCURACY

- Separate populations down to individual cells
- Cells are gently collected in an unaltered state
- Population representation is maintained during cell separation



## HIGH SAMPLE PURITY

- No dyes or labels required for cell separation
- No cell stress or pressure
- No gene expression changes



## FASTER WORKFLOW

- RBC removal included in the process
- Debris removal included in the process
- Various cell types can be imaged, counted, and classified within a single workflow



## EASE OF USE

- Fits within a cell culture hood or biosafety cabinet without aerosol formation
- Run to run reproducibility without re-calibration
- Single-use cartridge prevents any cross-contamination



## FLEXIBILITY

- Works with large cells and clusters including: Embryos, Small Animals, and Organoids
- Cells can be suspended in any cell media or liquid
- Not affected by debris or cell clumps



## HIGH YIELD AND VIABILITY

- Highest industry yield and viability for all cell types
- Ability to culture post enrichment
- Able to sort with very low cell numbers

## Steps and Time Required for Use

Levitas LeviCell radically cuts the number of steps and total time to effectively collect targeted cells.



Ready to Levitate?

- Request your LeviCell kit at [levitasbio.com](http://levitasbio.com)

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