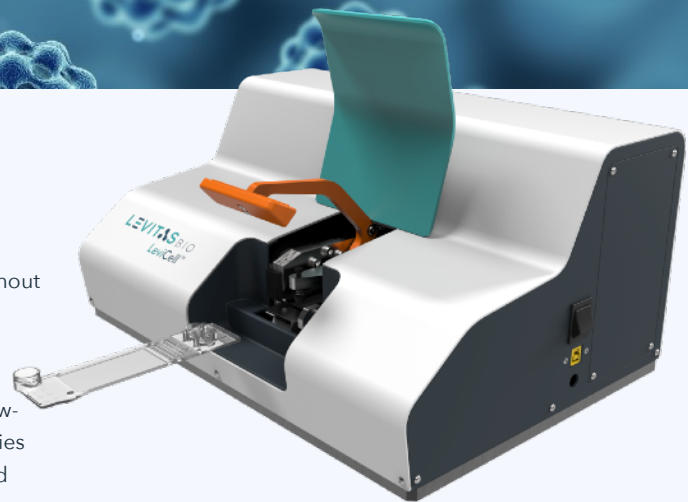


Introducing the World's First Label-Free Live Cell Separation Technology

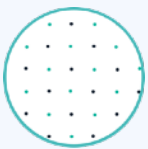
Powerfully Simple Workflow for Label-Free Cell Sorting

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

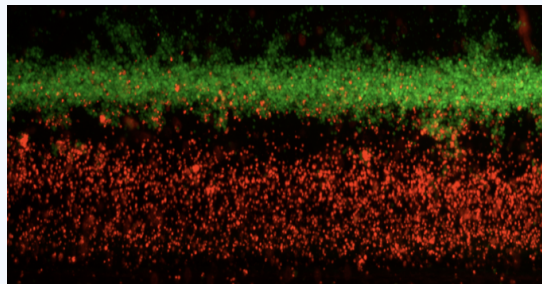
Magnetic force drives levitation based on cells' physical properties.



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 specific 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 high pressure
- No gene expression changes in all cell types tested



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 and no aerosol formation
- Run to run reproducibility without re-calibration
- Single-use cartridge prevents 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 from 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

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