

# LeviSelect Complete Mouse Myelin Depletion Kit

Available for Early Access!

## A New Approach to Tackling an Old Problem

Traditional density-gradient centrifugation methods for myelin removal are time-consuming and often leave behind unwanted debris. By combining magnetic nanosphere-based myelin depletion with Levitation Technology™, researchers can now enrich for high-quality, low-debris cells from as little as 10 mg of mouse brain tissue. This streamlined, all-in-one kit enables confident recovery of true cells—not debris—for downstream applications like scRNA-Seq.



### Going Beyond Myelin Removal

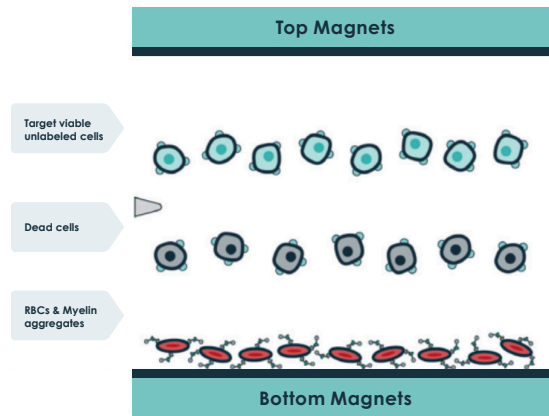
- Up to 99% myelin removal
- Depletes RBCs without extra steps
- Eliminates dead cells and debris

## The Power of Levitation Technology

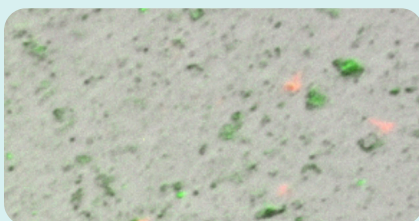
The LeviSelect™ Complete Mouse Myelin Depletion Kit offers a novel solution for enriching high-quality cells from brain tissue. By integrating advanced depletion strategies with Levitation Technology in LeviCell systems, it elevates the efficiency and precision of neuroscience research.

### Benefits

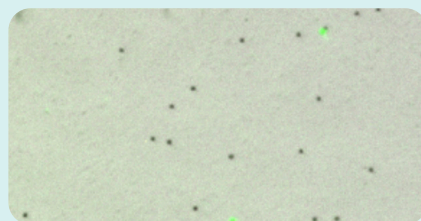
- Enhanced Data Accuracy: Cleaner samples lead to more reliable and reproducible experimental results.
- Streamlined Workflow: Integrates seamlessly with existing protocols, reducing preparation time and complexity.
- Versatile Applications: Ideal for various downstream analyses, including single-cell sequencing, flow cytometry, and cell culture.



## Visualize the Difference in Dead Cells and Debris



Pre-Levitation

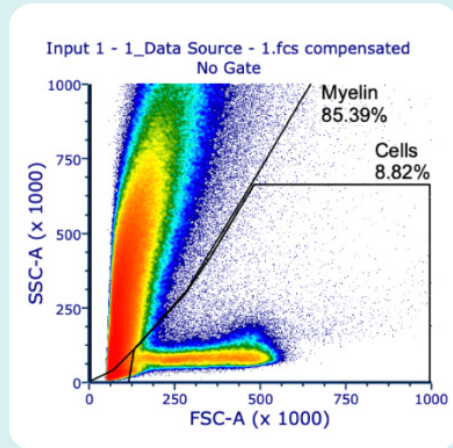


Post-Levitation

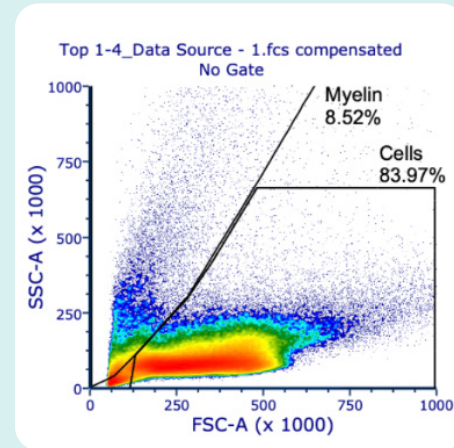
Combined brightfield and AOPI staining highlights the effectiveness of sample levitation in removing dead cells and debris from preparations.

# Take Myelin Depletion to New Heights

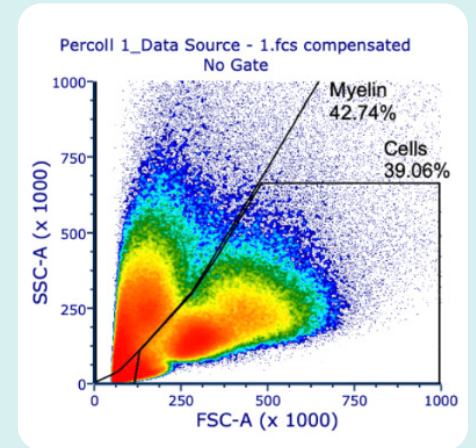
## Original Sample



## After LeviSelect



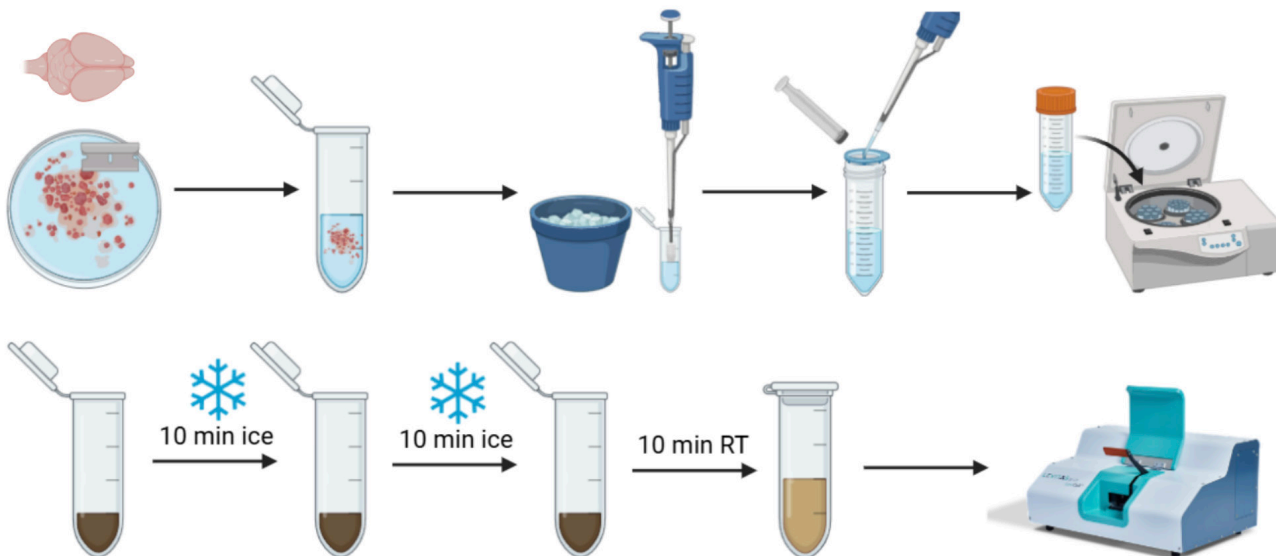
## After Traditional Method



Flow analysis demonstrates significantly better myelin depletion with Levitation Technology and LeviSelect versus traditional density gradient

## Simple & Effective Protocol

### Mouse Brain



A simple, efficient protocol that takes you from brain tissue to myelin- and RBC-depleted cells—ready for downstream assays in under 2 hours.

## Ordering Info

Part Number	Description
1004120	LeviSelect Complete Mouse Myelin Depletion Kit (10 rxn)