

LeviPrep Mouse Tissue Dissociation Kit

LeviPrep™ products provide the first step of an integrated workflow for challenging primary tissue work. Combined with the power of Levitation Technology and the LeviCell™ System, enrichment of highly viable cells with minimal perturbations and free of debris, dead or dying cells can be easily accessible for downstream studies.

With the LeviPrep Mouse Tissue Dissociation Kit, you can dissociate brain, liver and lung organs using a fast and easy pre-optimized cold dissociation protocol.

This kit delivers:

- Reduced opportunity for early cell activation or gene expression changes
- Gentle handling and highest recovery of cells with preserved cellular state
- High quality, pure, viable cells for downstream studies when combined with Levitation Technology on the LeviCell System

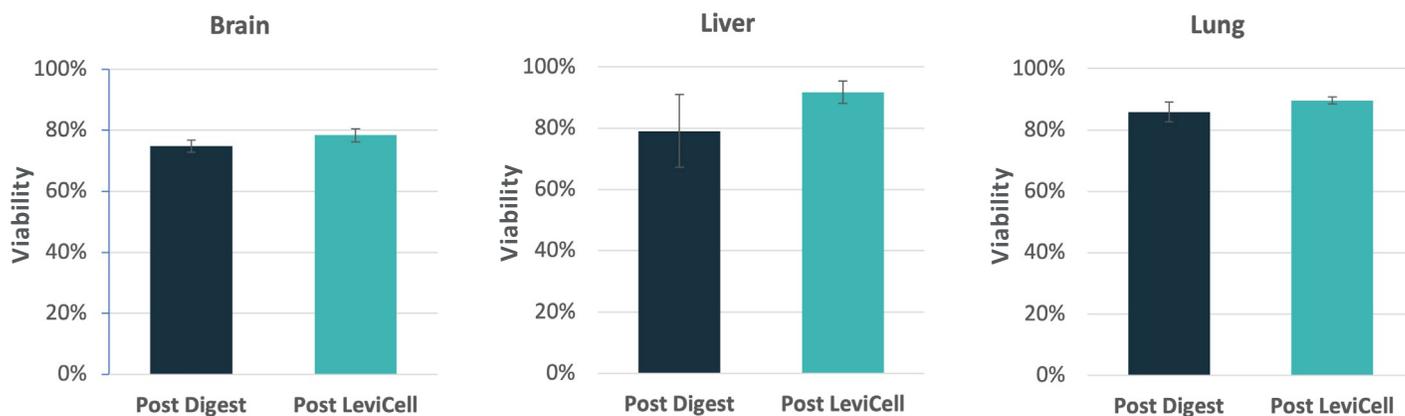


Figure 1. Three tissues (perfused brain, liver, lung) were harvested from 24 hour old mouse and dissociated using LeviPrep Mouse Tissue Dissociation Kit. Cold dissociation protocol ensures viability and cell health is maintained. Cells were subsequently run on the LeviCell system to further improve viability.

ORDERING INFO

Product	Part Number	# of rxns/kit
LeviPrep Mouse Tissue Dissociation Kit	1005001	24

END-TO-END LEVITATION-BASED WORKFLOW

Streamline your complete sample processing workflow with Levitation Technology.

Most cell-based biological studies require researchers to prepare their target samples for downstream use, either endpoint analysis to gain insight about the sample or controlled sample expansion through select cellular processing workflows. However, due to the natural complexity associated with highly variable starting material, researchers must perform a series of disconnected, time consuming, and potentially harsh processing steps prior to pursuing their experimental output. These required steps create a critical bottleneck in scientific workflows that have commonly lacked innovation, integration, and clear optimized technologies and protocols to address.

We simplify the complexity of this bottleneck into 4 distinct buckets, including sample access, sample enrichment, target selection, and sample characterization. Each of these steps impart their own complexity and create potential issues for downstream analysis.

Our flagship product, the LeviCell system, is powered by a new core technology based on magnetic levitation to initially address the critical need for sample enrichment. By providing gentle, label-free viable cell separation, we ensure collected samples remain free from deleterious effects often triggered by conventional sample preparation methods. Beyond enrichment, the platform was specifically designed to integrate, optimize, and improve many of the up and down-stream workflow steps.

As we look to the horizon, we see an ever-expanding portfolio of products based on Levitation Technology that empower end-to-end next-generation sample processing and characterization protocols. LeviPrep and LeviSelect are just the beginning.

To learn more, visit levitasbio.com/horizon.



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