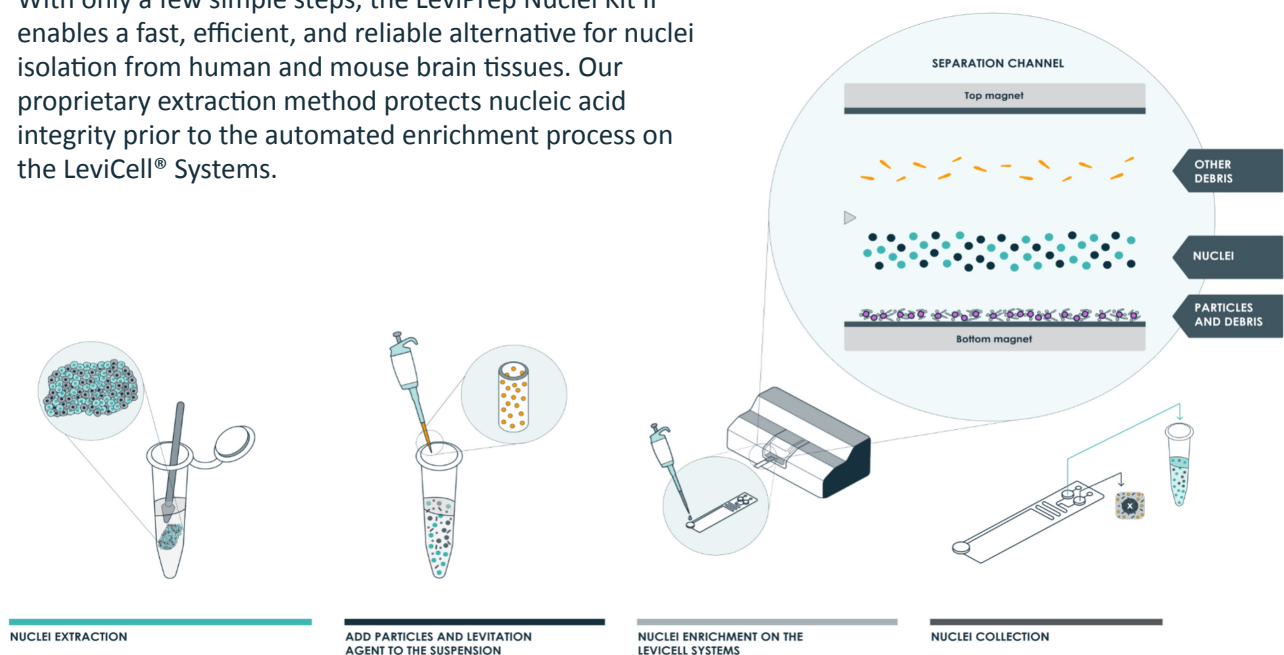


# Obtain High-Quality Nuclei from Brain Tissue with the LeviPrep Nuclei Kit II

Levitation Technology™ can now be leveraged for the extraction and enrichment of high-quality nuclei from both fresh and frozen brain tissues. The LeviPrep™ Nuclei Kit II offers a novel approach to obtain superior samples for sensitive downstream sequencing. With this optimized protocol, reduce hands-on variability while generating a high yield of single nuclei for multiomic assays.

## Simplified Workflow

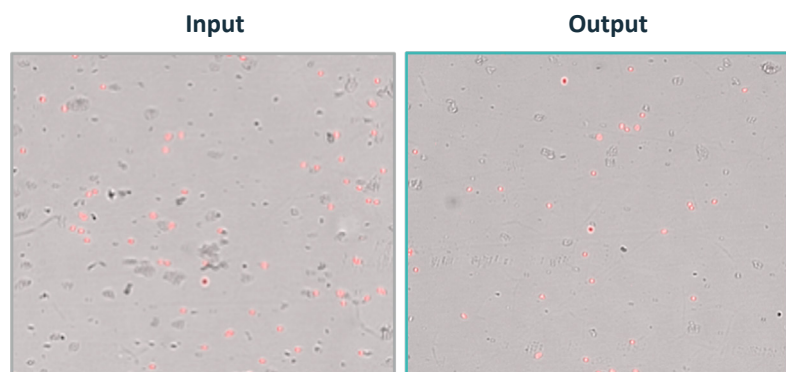
With only a few simple steps, the LeviPrep Nuclei Kit II enables a fast, efficient, and reliable alternative for nuclei isolation from human and mouse brain tissues. Our proprietary extraction method protects nucleic acid integrity prior to the automated enrichment process on the LeviCell® Systems.



## Quality You Can See

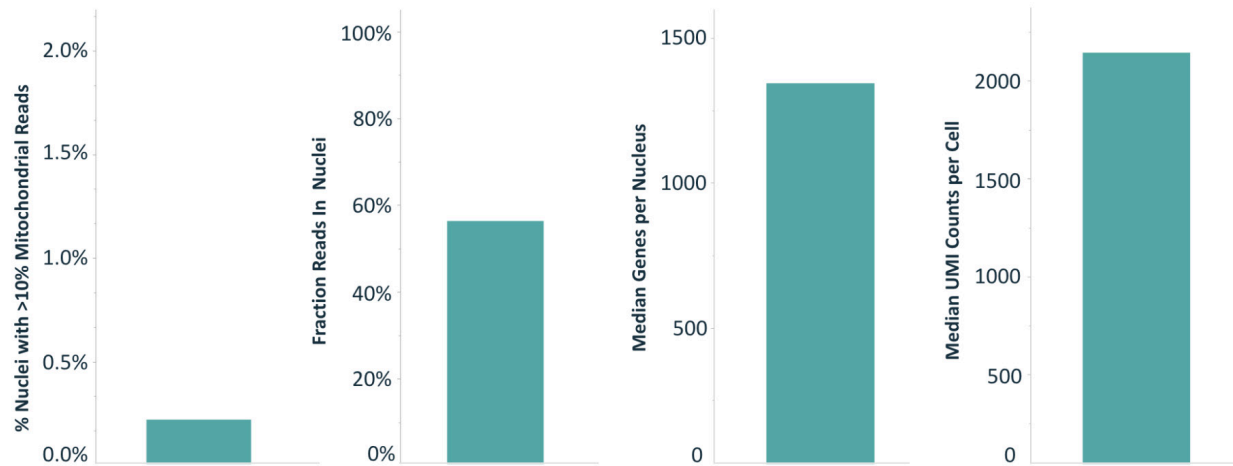
By using the LeviPrep Nuclei Kit II on mouse brain tissue, excessive debris and aggregates are efficiently removed.

Extract and enrich true nuclei singlets that are uniform, round, and intact. This enables more accurate counting for downstream sequencing



## Superior Sequencing Results

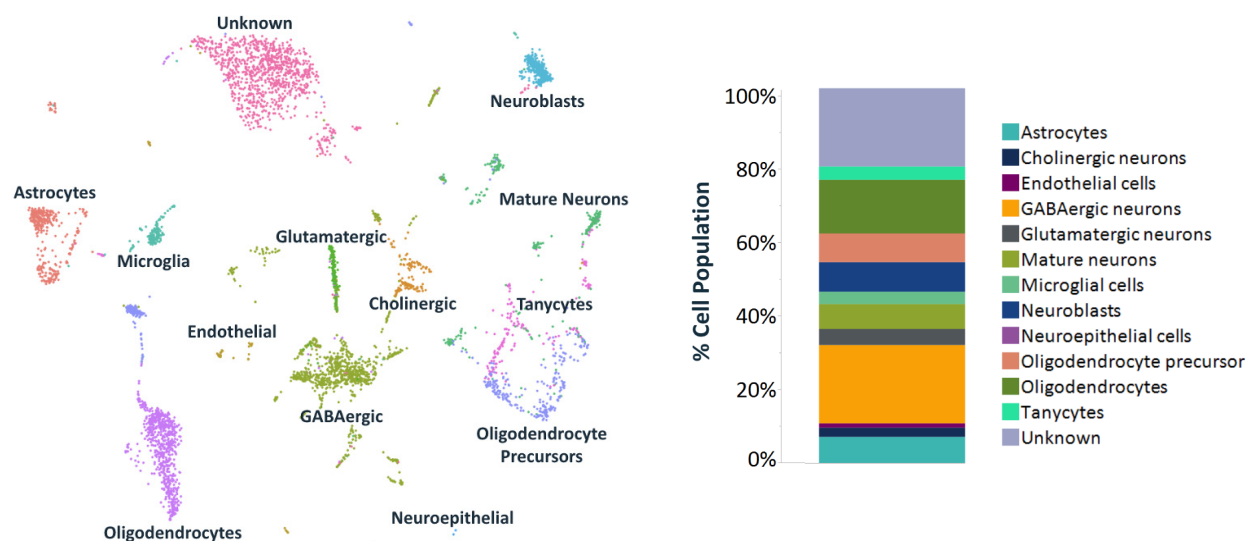
Often critical data points are removed due to low-quality sequencing quality control metrics which can reduce scientific insight and result in wasted resources. The LeviPrep Nuclei Kit II improves the quality of samples and sequencing results, allowing researchers to retain more data and have more confidence in their results.



**Obtain high-quality indicators:** Sequencing results from mouse brain tissues show high-quality sequencing results after extraction and enrichment using LeviPrep Nuclei Kit II and the LeviCell system.

## Increase Data Resolution

By removing debris, aggregates, and excessive background noise, representative subpopulation resolution is improved. This provides a clearer, more accurate readout for subsequent data analysis and interpretation. Mouse neuronal subpopulations are accurately represented after single-nuclei sequencing.



To learn more visit <https://levitasbio.com/nuclei>

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