

LEVITAS[®] BIO

LeviPrep Nuclei Kit

90-000267





Elevate Sample Potential with the LeviCell Systems

- **Simplified Workflow**
- **Fast & Gentle Process**
- **Suitable for Fresh & Frozen Samples**
- **Removes Debris**
- **Consistent and Reproducible**

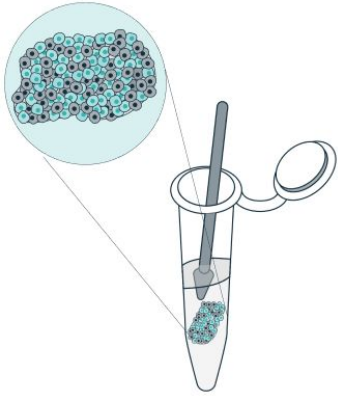


LeviPrep Nuclei Kit

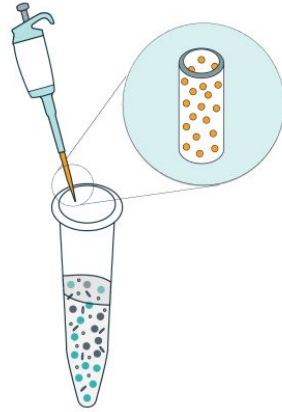
- **Nuclei Isolation Buffer & Reagents**
 - Optimized buffer extracts high-quality nuclei
 - Protects nucleic acid content
 - Enrich non-aggregated nuclei from debris that are ready for downstream snRNA-Seq
- **Storage Conditions**
 - Box A & Buffer (2-8 C)
 - **Box B (-20 C)***
 - Box C (RT)
- **Nuclei Protocol on the LeviCell 1.0 & EOS**



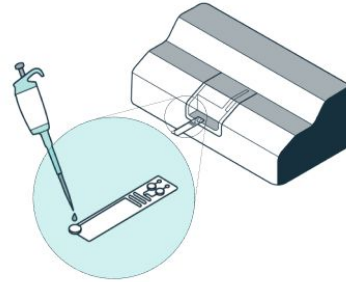
Part Number	Part Name	Description	Pre-Launch Pricing
1005050	<u>LeviPrep Nuclei Kit</u>	Includes reagents and plastic consumables for nuclei extraction and reagents for nuclei enrichment on the LeviCell systems. Sufficient for 16 reactions	\$500



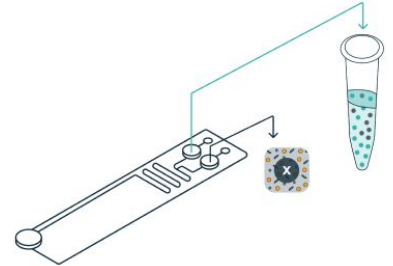
**NUCLEI EXTRACTION,
FILTERING AND WASHING**



**ADD PARTICLES AND LEVITATION
AGENT TO THE SUSPENSION**

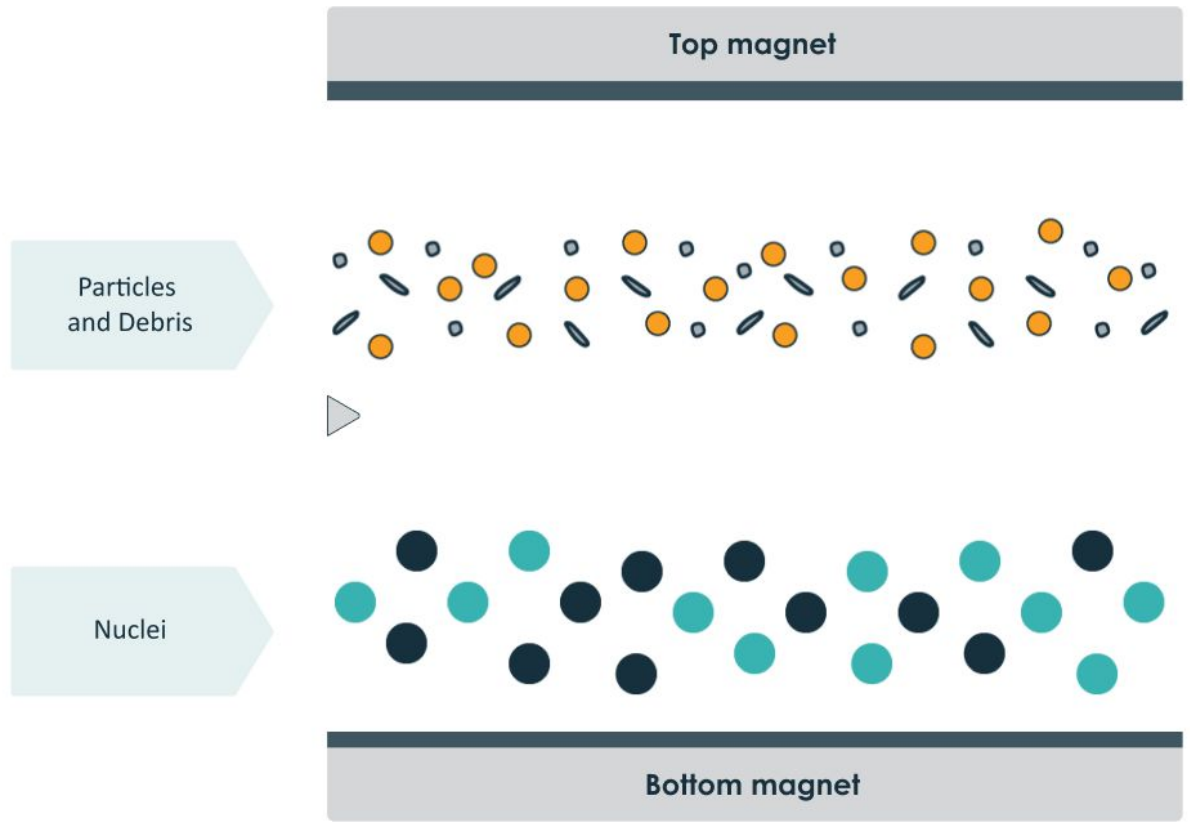


**NUCLEI ENRICHMENT ON THE
LEVICELL SYSTEMS**



NUCLEI COLLECTION

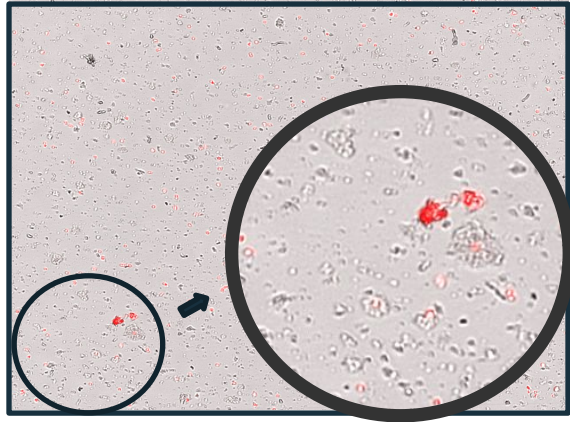
Nuclei Levitate Below the Debris



LeviCell Enriches for Uniform Nuclei and Removes Debris

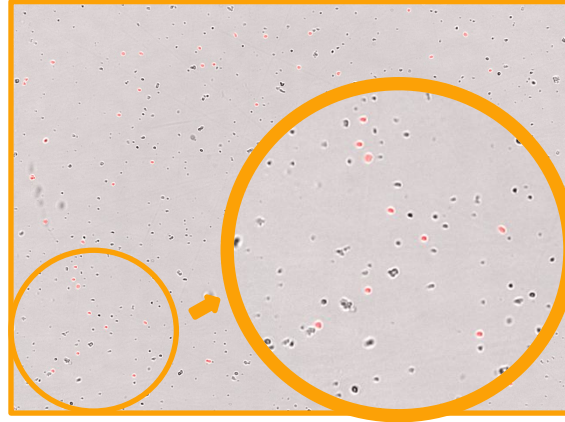


Buffer/Wash Only



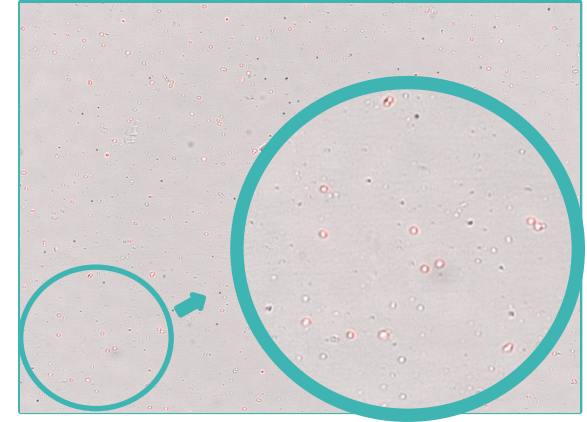
- Significant amounts of debris
- Clumped nuclei

Nuclei Kit X



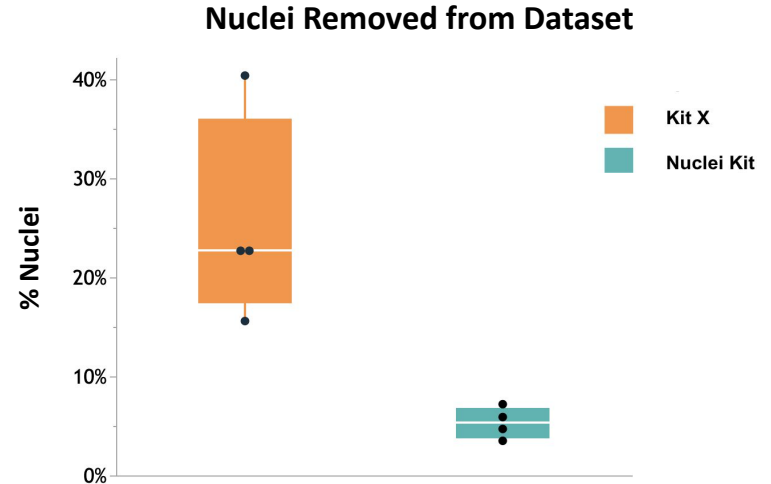
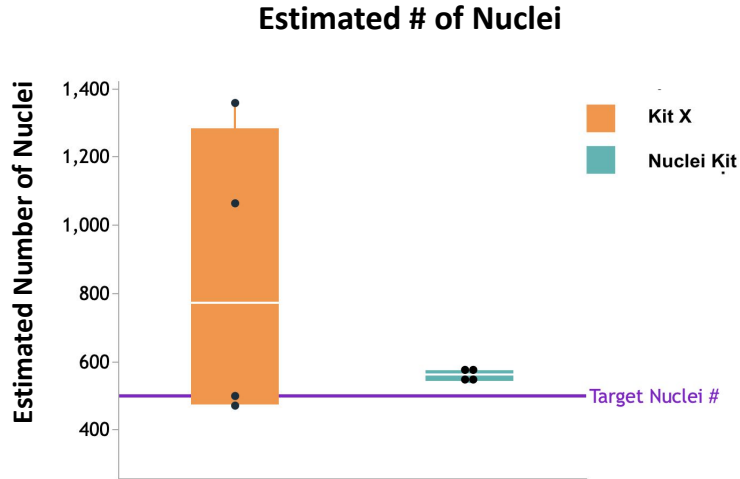
- Still contains a fair amount of debris

LeviPrep Nuclei Kit



- Uniform, intact nuclei
- Minimal amounts of debris

Have Confidence in Downstream Assays



- Results in more consistent number of nuclei detected relative to nuclei targeted
- More accurate and precise read depth per nuclei

- Fewer nuclei removed due to high mitochondrial reads (ambient RNA)
- Increase the amount of usable data and reduce the cost per nuclei sequenced