

Detailed Levitation Cells & Samples List

Levitation technology has been extensively tested for a wide range of cell types and applications.

Sample Types

- Dissociated Tissue
- Blood
- Biopsies
- Saliva
- Urine
- Fine Needle Aspirates
- Swabs
- Cell Culture
- Fixed Tissue
- Lavages

Cell / Particle Types

- Immune cells
- Cancer cells
- Lung cells
- PBMCs
- Stem cells
- Neurons
- Embryos
- Organoids
- Small Animals (C. elegans)
- Cell clusters
- Fetal cells

Downstream Applications

- NGS
- Single-cell sequencing
- FACS
- Proteomics
- Transfection
- Gene editing
- Microarray analysis
- Cell culture

Key Application Areas



SAMPLE PREPARATION

- Population selection
- Live cell enrichment
- Debris removal



DIAGNOSTICS

- NIPT and Oncology
- Fetal cell and CTC isolation
- Tissue processing



PHARMA

- Compound screening
- Live cell selection
- Responder selection



CLINICAL

- Immunology & Oncology
- Sample processing
- Immune cell enrichment

Detailed Levitation Cells and Samples List

Cell Type		
HEK293	Kupffer cells	CoCulture HEK293 and Nalm17
K562	Stellate cells	Mouse Lymphocytes
PBMC	Bone Marrow (neutrophils)	Mouse Liver / Human Tumor Xenograft
BJ cells	Cord blood MNC	Mouse Bone Marrow/ Human Tumor Xenograft
Bakers yeast	Neurons	B Cell Leukemia
HEPA 6-1	Adipocytes from mouse fat pad	Mouse Pancreas
MDA-MB-231	293T (w/ and w/o DMSO treatment)	Stem cells
Renal Cell Carcinoma Tissue	293T-VP (with viral protein production)	Mouse Liver
Mouse Organoid	Mouse Lung	Naive vs Memory T cells
Lung Cancer Tissue	Monocyte	Cardiac organoids
Lung tissue	Bladder Tumor	Whole blood
Glia cells from Spleen	Glioma	Packed RBC
Keratinocytes	T cells	Eluted Sperm
KP22E cells	B cells	Activated vs Resting Macrophages
HSC-derived Macrophages	NK cells	Opaque vs White Yeast
Breast cancer CTCs	Neutrophils	Persister vs Dead Yeast
Nuclei	Mouse Macrophage	Cardiac Muscle Cells
GM12878	Mouse Gut Epithelium	Keratinocytes
GM24385	Mouse Gut Organoid	Thin Prep
HPV / HIV infected cells	T cells	Jurkat cells

Ready to Levitate?

Request your LeviCell kit at levitasbio.com

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