

# Overcoming DTC Sample Challenges

## The LeviCell Systems Generate High Live Cell Yields While Removing Dead Cells and Debris From DTC Samples

Levitation Technology effectively improves the quality of the most challenging Dissociated Tumor Cell (DTC) samples, enabling unprecedented access to precious, low quality samples. See how this was achieved by Discovery Life Sciences™ using the LeviCell® 1.0 platform.

**THE CHALLENGE: 45 DTC SAMPLES, 14 CANCER INDICATIONS**

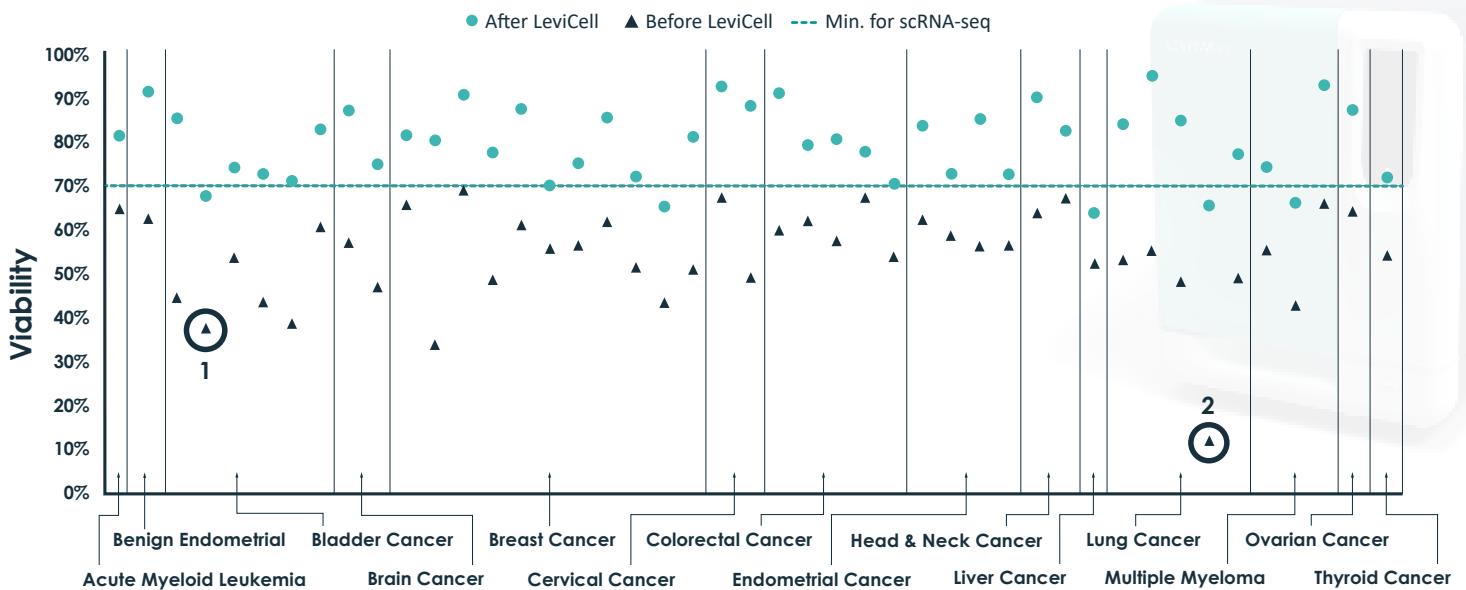
**THE RESULT: ALL SAMPLES WITH IMPROVED QUALITY**

Very low number of viable cells: 5,500 to 275,000

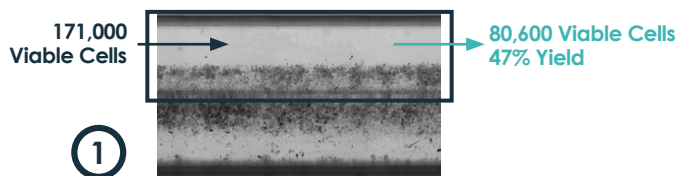
2,500 to 142,000 recovered viable cells: 51% av. yield

High % of dead cells and debris

90% of samples are ready for scRNA-seq



### EXAMPLES OF EXTREME RESCUE



Real time images generated by the LeviCell system showing levitation of viable cells in the top vs dead cells and debris separated in the bottom.

**Make use of every sample in your freezer, regardless of the number of viable cells present or starting quality. Only with the LeviCell systems.**