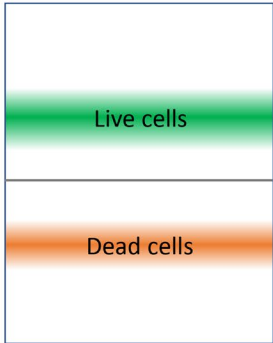
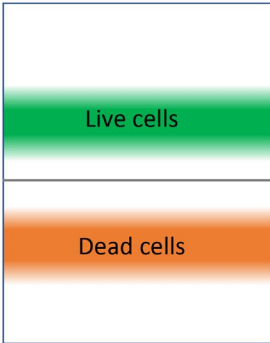
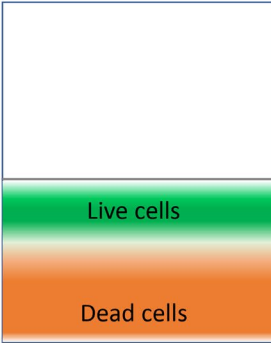
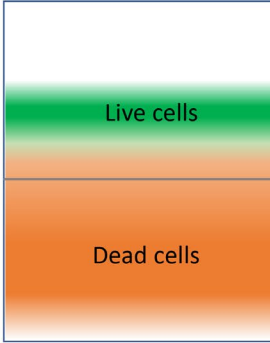


# PARAMETERS TO ADJUST WHEN USING LEVICELL FOR VIABLE CELL ENRICHMENT

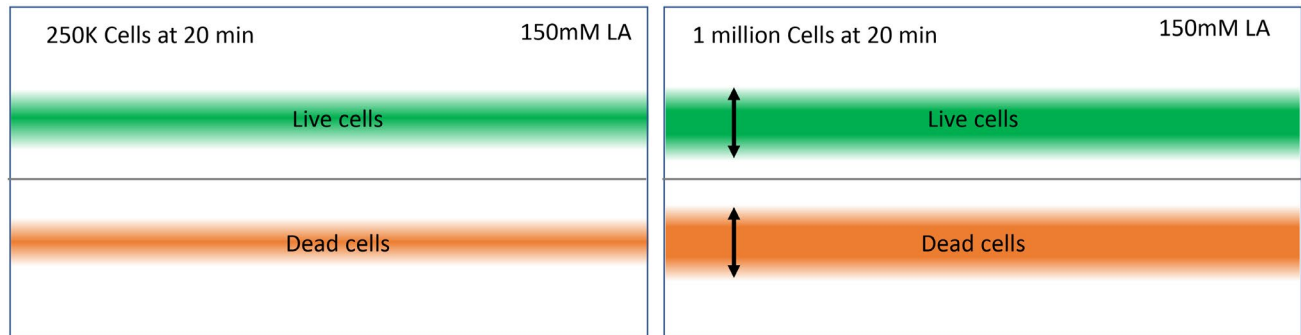
## OVERVIEW

This quick reference guide summarizes the different levitation parameters that can be adjusted when performing viable cell enrichment on the LeviCell™ system. For full details, please reference the supplemental technical note, 90-00013 Parameters to Adjust When Using LeviCell for Viable Cell Enrichment.

## LEVITATION PARAMETERS - SUMMARY

				
Cell Number	250K	1M	1M	1M
Concentration of Levitation Agent	150mM	150mM	50mM	150mM
Levitation Time	20 min	20 min	20 min	5 min
Change/Effect	--	Increase cell number Widening of bands	Lower LA Concentration 1- Lowering Levitation height 2- Widening of bands	Reduce Levitation Time 1-Equilibrium may not be reached 2- Larger spread of smaller particles

## INCREASING CELL NUMBER WILL EFFECTIVELY INCREASE BAND THICKNESS



Live cell band visualization is related to the number of cells loaded into the LeviCell. The distance between the live and dead cell bands does not change, but the cell bands become broader as more cells are loaded.