Optimal Flow Rate and cell concentration for Attune NxT			
Sample Flow Rate	Maximum sample concentration for analysis (35,000 evts/sec)	Maximum sample concentration for accurate cell counts (8,000 evts/sec)	Description
1000 µL/min	2.1 x 10^6 cells/mL	4.8 x 10^5 cells/mL	Particles > 4 µm
500 µL/min	4.2x 10^6 cells/mL	9.6 x 10^5 cells/mL	Particles > 2 µm
200 µL/min	6.7 x 10^6 cells/mL	1.5 x 10^6 cells/mL	
100 µL/min	1.3 x 10^7 cells/mL	3.0 x 10^6 cells/mL	
25 µL/min	5.4 x 10^7 cells/mL	1.2 x 10^7 cells/mL	Small particles < 2 µm Best resolution from background for dimly positive assays
12.5 µL/min	1.0 x 10^8 cells/mL	2.4 x 10^7 cells/mL	

*This information is only to serve as a guide. The biology of your cells and the quality of your data should govern the flow rate and concentration of your experiment