Relationship between Sample Pressure and Sample Flow/Event Rate

100 μm sorting chip

[Sample Pressure]		1	2	3	4	5	6	7	8	9	10
Flow rate (μl/min)		6	11	16	21	27	37	47	58	68	89
Event rate (eps)	Sample concentration (1×10^6/ml)	60	160	260	350	450	650	840	1,000	1,200	1,600
	Sample concentration (1×10^7/ml)	600	1,300	2,100	2,800	3,600	5,100	6,600	8,100	9,600	12,600

130 μm sorting chip

[Sample Pressure]		1	2	3	4	5	6	7	8	9	10
Flow rate (μl/min)		1	3	7	10	16	22	28	34	40	50
Event rate (eps)	Sample concentration (1e6/ml)	10	30	100	150	250	400	500	600	700	900
	Sample concentration (1e7/ml)	100	600	1,200	2,000	2,800	3,600	4,500	5,400	6,500	8,000

70 μm sorting chip

[Sample Pressure]		1	2	3	4	5	6	7	8	9	10
Flow rate (μl/min)		8	18	28	42	62	80	100	120	140	168
Event rate (eps)	Sample concentration (1e7/ml)	1000	2200	3500	5300	7700	10000	12500	15000	17500	21000

The values above are reference values. Values may vary depending on the environment.