

Table: Calculated velocity for all parameter sets

Set 1: Diameter 120 μm

Flowrate ($\mu\text{L}/\text{min}$)	Spiral S1	T-junction S1	Y-junction S1
5	7.3683	7.3683	7.3683
10	14.7366	14.7366	14.7366
15	22.1049	22.1049	22.1049
20	29.4731	29.4731	29.4731
25	36.8414	36.8414	36.8414
30	44.2097	44.2097	44.2097
35	51.5780	51.5780	51.5780
40	58.9463	58.9463	58.9463
45	66.3146	66.3146	66.3146

Set 2 and 3 Diameter 160 μm

Set 2 Flowrate ($\mu\text{L}/\text{min}$)	Spiral S2	T-junction S2	Y-junction S2
5	4.1447	4.1447	4.1447
10	8.2893	8.2893	8.2893
15	12.4340	12.4340	12.4340
20	16.5786	16.5786	16.5786
25	20.7233	20.7233	20.7233
30	24.8680	24.8680	24.8680
35	29.0126	29.0126	29.0126
40	33.1573	33.1573	33.1573
45	37.3019	37.3019	37.3019
Set 3 Flowrate ($\mu\text{L}/\text{min}$)	Spiral S3	T-junction S3	Y-junction S3
5	4.1447	4.1447	4.1447
10	8.2893	8.2893	8.2893
15	12.4340	12.4340	12.4340
20	16.5786	16.5786	16.5786
25	20.7233	20.7233	20.7233
30	24.8680	24.8680	24.8680
35	29.0126	29.0126	29.0126
40	33.1573	33.1573	33.1573
45	37.3019	37.3019	37.3019