




Volume Range	Colour Code	Channels	Test Volume (µL)	Inaccuracy (%)	Imprecision (%)
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Eppendorf - Reference Fix Volume Pipette

1	1 µL	Grey	1	± 2.5	≤ 1.8
2	2 µL	Grey	2	± 2.0	≤ 1.2
3	5 µL	Grey	5	± 1.5	≤ 0.8
4	10 µL	Grey	10	± 1.0	≤ 0.5
5	10 µL	Yellow	10	± 1.0	≤ 0.5
6	20 / 25 µL	Yellow	20 / 25	± 0.8	≤ 0.3
7	50 µL	Yellow	50	± 0.7	≤ 0.3
8	100 µL	Yellow	100	± 0.6	≤ 0.2
9	200 / 250 µL	Blue	200 / 250	± 0.6	≤ 0.2
10	500 / 1000 µL	Blue	500 / 1000	± 0.6	≤ 0.2
11	1.5 / 2 / 2.5 mL	Red	1500 / 2000 / 2500	± 0.6	≤ 0.2

Eppendorf - Reference Single Channel Pipette

1	0.1-2.5 µL	Grey	1	0.25_1.25_2.5	± 12_2.5_1.4	≤ 6_1.5_0.7
2	0.5-10 µL	Grey	1	1_5_10	± 2.5_1.5_1	≤ 1.8_0.8_0.4
3	2-20 µL	Grey	1	2_10_20	± 3_1_0.8	≤ 2_0.5_0.3
4	2-20 µL	Yellow	1	2_10_20	± 5_1.2_1	≤ 1.5_0.6_0.3
5	10-100 µL	Yellow	1	10_50_100	± 3_1_0.8	≤ 0.7_0.3_0.15
6	50-200 µL	Yellow	1	50_100_200	± 1_0.9_0.6	≤ 0.3_0.3_0.2
7	50-250 µL	Yellow	1	50_100_250	± 1.4_1.1_0.6	≤ 0.3_0.3_0.2
8	100-1000 µL	Blue	1	100_500_1000	± 3_1_0.6	≤ 0.3_0.2_0.2
9	500-2500 µL	Red	1	500_1000_2500	± 1.5_0.8_0.6	≤ 0.3_0.2_0.2

Eppendorf - Titerman Multi Channel Pipette

1	0.5-10 µL	Grey	8_12	1_5_10	± 8_4_2	≤ 5_2_1
2	5-50 µL	Yellow	8_12	5_25_50	± 4_2_0.8	≤ 2_1_0.4
3	25-200 µL	Yellow	8_12	25_100_200	± 1.5_1.2_0.6	≤ 0.8_0.6_0.2
4	30-300 µL	Orange	8_12	30_150_300	± 1.5_1_0.6	≤ 0.8_0.5_0.2







Volume Range	Colour Code	Channels	Test Volume (μL)	Inaccuracy (%)	Imprecision (%)
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Eppendorf - Research & Research Plus Fix Volume Pipette

1	10 μL	Yellow	1/1	10	± 1.2	≤ 0.6
2	20 μL	Yellow	1/1	20	± 1.0	≤ 0.3
3	25 μL	Yellow	1/1	25	± 1.0	≤ 0.3
4	50 μL	Yellow	1/1	50	± 0.7	≤ 0.3
5	100 μL	Yellow	1/1	100	± 0.6	≤ 0.2
6	200 μL	Blue	1/1	200	± 0.6	≤ 0.2
7	250 μL	Blue	1/1	250	± 0.6	≤ 0.2
8	500 μL	Blue	1/1	500	± 0.6	≤ 0.2
9	1000 μL	Blue	1/1	1000	± 0.6	≤ 0.2

Eppendorf - Research & Research Plus Single Channel Pipette

1	0.1-2.5 μL	Grey	1/1	0.25_1.25_2.5	± 12_2.5_1.4	≤ 6_1.5_0.7
2	0.5-10 μL	Grey	1/1	1_5_10	± 2.5_1.5_1	≤ 1.8_0.8_0.4
3	2-20 μL	Yellow	1/1	2_10_20	± 5_1.2_1	≤ 1.5_0.6_0.3
4	10-100 μL	Yellow	1/1	10_50_100	± 3_1_0.8	≤ 1.0_0.3_0.2
5	20-200 μL	Yellow	1/1	20_100_200	± 2.5_1_0.6	≤ 0.7_0.3_0.2
6	30-300 μL	Orange	1/1	30_150_300	± 2.5_1_0.6	≤ 0.7_0.3_0.2
7	100-1000 μL	Blue	1/1	100_500_1000	± 3_1_0.6	≤ 0.6_0.2_0.2
8	500-5000 μL	Violet	1/1	500_2500_5000	± 2.4_1.2_0.6	≤ 0.6_0.25_0.15
9	1000-10000 μL	Turquoise	1/1	1000_5000_10000	± 3_0.8_0.6	≤ 0.6_0.2_0.15

Eppendorf - Research & Research Plus Multi Channel Pipette

1	0.5-10 μL	Grey	8_12	1_5_10	± 8_4_2	≤ 5_2_1
2	10-100 μL	Yellow	8_12	10_50_100	± 3_1_0.8	≤ 2_0.8_0.3
3	30-300 μL	Orange	8_12	30_150_300	± 3_1_0.6	≤ 1.0_0.5_0.3






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Eppendorf - Research Pro Single Channel Pipette

1	0.5-10 μL	Grey	1	1_5_10	± 2.5_1.5_1	≤ 1.8_0.8_0.4
2	5-100 μL	Yellow	1	10_50_100	± 2_1_0.8	≤ 1_0.3_0.2
3	20-300 μL	Yellow	1	30_150_300	± 2.5_1_0.6	≤ 0.7_0.3_0.2
4	50-1000 μL	Blue	1	100_500_1000	± 3_1_0.6	≤ 0.6_0.2_0.2
5	100-5000 μL	Violet	1	500_2500_5000	± 3_1.2_0.6	≤ 0.6_0.25_0.15

Eppendorf - Research Pro Multi Channel Pipette

1	0.5-10 μL	Grey	8_12	1_5_10	± 5_3_2	≤ 3_1.5_0.8
2	5-100 μL	Yellow	8_12	10_50_100	± 2_1_0.8	≤ 2_0.8_0.25
3	20-300 μL	Orange	8_12	30_150_300	± 2.5_1_0.6	≤ 1.0_0.5_0.25
4	50-1200 μL	Green	8_12	120_600_1200	± 6_2.7_1.2	≤ 0.9_0.4_0.3

Eppendorf - Xplorer Single Channel Pipette

1	0.5-10 μL	Grey	1	1_5_10	± 2.5_1.5_1	≤ 1.8_0.8_0.4
2	5-100 μL	Yellow	1	10_50_100	± 2_1_0.8	≤ 1_0.3_0.2
3	15-300 μL	Orange	1	30_150_300	± 2.5_1_0.6	≤ 0.7_0.3_0.2
4	50-1000 μL	Blue	1	100_500_1000	± 3_1_0.6	≤ 0.6_0.2_0.2
5	250-5000 μL	Violet	1	500_2500_5000	± 3_1.2_0.6	≤ 0.6_0.3_0.15
6	500-10000 μL	Turquoise	1	1000_5000_10000	± 3_0.8_0.6	≤ 0.6_0.2_0.15

Eppendorf - Xplorer Multi Channel Pipette

1	0.5-10 μL	Grey	8_12	1_5_10	± 5_1.5_1	≤ 3_0.8_0.4
2	5-100 μL	Yellow	8_12	10_50_100	± 2_1_0.8	≤ 2_0.8_0.25
3	10-300 μL	Orange	8_12	30_150_300	± 2.5_1_0.6	≤ 1_0.5_0.25
4	50-1200 μL	Green	8_12	120_600_1200	± 6_2.7_1.2	≤ 0.9_0.4_0.3





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Eppendorf - Response Single Channel Pipette

1	0.2-10 μL	2-50steps	1	0.2_1_5_10	± 12_2.5_1_0.9	≤ 10_1.5_0.7_0.5
2	5-100 μL	2-20	1	5_10_50_100	± 2.5_2_0.7_0.4	≤ 1.8_1_0.3_0.15
3	10-250 μL	2-25	1	10_25_125_250	± 2_1.5_0.6_0.4	≤ 1_0.8_0.2_0.15
4	10-500 μL	2-25	1	10_50_250_500	± 9_1.5_0.7_0.4	≤ 2_0.8_0.2_0.15
5	50-1000 μL	2-20	1	50_100_500_1000	± 2_1.5_0.6_0.4	≤ 1_0.5_0.2_0.15
6	50-1200 μL	1-24	1	50_100_600_1200	± 2_1.5_0.7_0.4	≤ 1_0.5_0.2_0.15
7	100-5000 μL	1-48	1	500_2500_5000	± 0.8_0.8_0.5	≤ 0.3_0.2_0.15

Eppendorf - Response Multi Channel Pipette

1	5-100 μL	2-20	4	5_10_50_100	± 4_1.5_0.8_0.5	≤ 2.5_1.5_0.3_0.2
2	25-250 μL	2-10	4	25_125_250	± 1.5_0.7_0.4	≤ 1_0.2_0.15
3	0.2-10 μL	2-50	8_12	1_5_10	± 4_1.5_0.9	≤ 4_0.8_0.5
4	5-100 μL	2-20	8_12	5_10_50_100	± 4_2.5_0.7_0.5	≤ 2.5_1.5_0.3_0.2
5	25-250 μL	2-10	8_12	25_125_250	± 1.5_0.6_0.4	≤ 1_0.2_0.15
6	50-1200 μL	1-24	8_12	50_100_600_1200	± 8_4_1_0.5	≤ 1.5_0.8_0.2_0.15

Eppendorf - Multipette Stepper

1	0.5 mL	Combitip		10 to 50	± 1.5	± 1 to ± 0.6
2	1.25 mL	Combitip		25 to 125	± 1.2	± 0.8 to ± 0.5
3	2.5 mL	Combitip		50 to 250	± 1	± 0.6 to ± 0.4
4	5 mL	Combitip		100 to 500	± 0.8	± 0.5 to ± 0.3
5	12.5 mL	Combitip		250 to 1250	± 0.7	± 0.5 to ± 0.2
6	50 mL	Combitip		1000 to 5000	± 1	± 0.5

Eppendorf - Multipette Plus Stepper

1	0.1 mL	Combitip		2_20	± 1.6_1	≤ 3_2
2	0.2 mL	Combitip		4_40	± 1.3_0.8	≤ 2_1.5
3	0.5 mL	Combitip		10_100	± 0.9_0.8	≤ 1.5_0.6
4	1 mL	Combitip		20_200	± 0.9_0.6	≤ 0.9_0.4
5	2.5 mL	Combitip		50_500	± 0.8_0.5	≤ 0.8_0.3
6	5 mL	Combitip		100_1000	± 0.6_0.5	≤ 0.6_0.25
7	10 mL	Combitip		200_2000	± 0.5_0.5	≤ 0.6_0.25
8	25 mL	Combitip		500_5000	± 0.4_0.3	≤ 0.6_0.25
9	50 mL	Combitip		1000_10000	± 0.3_0.3	≤ 0.5_0.25





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Eppendorf - Multipette Stream / Xstream Stepper

1	0.1 mL	Combitip	10_50_100	± 1.6_1_1	≤ 2.5_1.5_0.5
2	0.2 mL	Combitip	20_100_200	± 1.3_1_1	≤ 1.5_1_0.5
3	0.5 mL	Combitip	50_250_500	± 0.9_0.9_0.9	≤ 0.8_0.5_0.3
4	1 mL	Combitip	100_500_1000	± 0.9_0.6_0.6	≤ 0.55_0.3_0.2
5	2.5 mL	Combitip	250_1250_2500	± 0.8_0.5_0.5	≤ 0.45_0.3_0.15
6	5 mL	Combitip	500_2500_5000	± 0.8_0.5_0.5	≤ 0.35_0.25_0.15
7	10 mL	Combitip	1000_5000_10000	± 0.5_0.4_0.4	≤ 0.25_0.25_0.15
8	25 mL	Combitip	2500_12500_25000	± 0.3_0.3_0.3	≤ 0.25_0.25_0.15
9	50 mL	Combitip	5000_25000_50000	± 0.3_0.3_0.3	≤ 0.25_0.2_0.15

Eppendorf - Multipette Pro Stepper

1	0.1 mL	Combitip	10_100	± 1.6_1	≤ 2.5_0.5
2	0.2 mL	Combitip	20_200	± 1.3_1	≤ 1.5_0.5
3	0.5 mL	Combitip	50_500	± 0.9_0.9	≤ 0.8_0.3
4	1 mL	Combitip	100_1000	± 0.9_0.6	≤ 0.55_0.2
5	2.5 mL	Combitip	250_2500	± 0.8_0.5	≤ 0.45_0.2
6	5 mL	Combitip	500_5000	± 0.8_0.5	≤ 0.35_0.15
7	10 mL	Combitip	1000_10000	± 0.5_0.4	≤ 0.25_0.15
8	50 mL	Combitip	5000_50000	± 0.3_0.3	≤ 0.25_0.15






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Eppendorf - Biomaster Positive Displacement Pipette

1	2 μL	Mastertips	2	± 6	≤ 4
2	3 μL	Mastertips	3	± 5	≤ 3
3	5 μL	Mastertips	5	± 4	≤ 2
4	10 μL	Mastertips	10	± 3	≤ 1.5
5	20 μL	Mastertips	20	± 2.5	≤ 0.8

Eppendorf - Varipette Varitips S / Varitips P Pipette

1	1 mL	P	1 mL	± 0.6	≤ 0.2
2	2.5 mL	S	2.5 mL	± 1	≤ 0.2
3	5 mL	S / P	5 mL	± 0.4 / 0.5	≤ 0.2 / 0.1
4	10 mL	S / P	10 mL	± 0.3 / 0.3	≤ 0.2 / 0.1

Eppendorf - EDOS Stepper

1	0.1 mL	Combitip	1_100	± 1_1	≤ 2_0.5
2	0.2 mL	Combitip	2_200	± 1_1	≤ 1.5_0.5
3	0.5 mL	Combitip	5_500	± 0.9_0.9	≤ 0.7_0.3
4	1 mL	Combitip	10_1000	± 0.9_0.5	≤ 0.5_0.2
5	2.5 mL	Combitip	20_2500	± 0.8_0.5	≤ 0.5_0.2
6	5 mL	Combitip	40_5000	± 0.8_0.5	≤ 0.3_0.15
7	10 mL	Combitip	100_10000	± 0.5_0.5	≤ 0.3_0.15
8	25 mL	Combitip	200_25000	± 0.3_0.3	≤ 0.3_0.15
9	50 mL	Combitip	400_50000	± 0.3_0.3	≤ 0.25_0.15



