

MLA PIPETTES



A laboratory tradition for over 40 years

- ▶ Proven performance you can trust
- ▶ Wide range of models for pipetting 2 μ L to 10mL
- ▶ Free calibration & repair when you use MLA tips

MLA D-Tipper Models

- Built-in tip ejector
- Lower spring forces to minimize thumb muscle activity
- Glove guard to eliminate potential catching during tip removal



MLA-brand D-Tipper™ pipettes are made of precision engineered aluminum alloy and stainless steel, and designed for highly accurate delivery and proven performance. Available in more than 30 fixed volumes, from 5µL to 1000µL, the MLA D-Tipper is ideal for laboratories conducting repetitive pipetting procedures where performance, reliability and ease of use are important. The slim, tapered design and location of the detipping mechanism enables easy access to narrow diameter tubes and is comfortable – especially for smaller hands. Smooth one-stroke action enhances repeatable results and requires less physical effort. All D-Tipper models are engraved with serial numbers to facilitate improved traceability and calibration recordkeeping. In-lab calibration is performed with minimal effort.

VistaLab Catalog #	Color	Volume	Accuracy	Precision
1141C	Silver	5µL	±5.00%	3.74%
1051C	Orange	10µL	±5.00%	2.60%
1142C	Silver	15µL	±5.00%	1.73%
1052C	Black	20µL	±3.00%	1.35%
1053C	White	25µL	±3.00%	1.12%
1143C	Silver	30µL	±3.00%	0.93%
1144C	Silver	40µL	±3.00%	0.70%
1054C	Green	50µL	±2.00%	0.80%
1146C	Silver	60µL	±2.00%	0.67%
1147C	Silver	70µL	±2.00%	0.57%
1148C	Silver	75µL	±2.00%	0.53%
1149C	Silver	80µL	±2.00%	0.50%
1150C	Silver	90µL	±2.00%	0.44%
1055C	Blue	100µL	±1.00%	0.54%
1151C	Silver	120µL	±1.00%	0.45%
1152C	Silver	150µL	±1.00%	0.36%
1056C	Red	200µL	±1.00%	0.30%
1056CLT	Red	200µL large tip	±1.00%	0.30%
1057C	Purple	250µL	±1.00%	0.72%
1058C	Brown	300µL	±1.00%	0.60%
1153C	Silver	400µL	±1.00%	0.50%
1154C	Silver	450µL	±1.00%	0.44%
1059C	Yellow	500µL	±1.00%	0.40%
1159C	Silver	600µL	±1.00%	1.00%
1162C	Silver	700µL	±1.00%	0.86%
1157C	Silver	750µL	±1.00%	0.80%
1160C	Silver	800µL	±1.00%	0.75%
1163C	Silver	900µL	±1.00%	0.67%
1060C	Gray	1000µL	±1.00%	0.60%

MLA Precision Models

- Single-stroke procedure
- Lower spring forces to minimize thumb muscle activity
- Fixed volumes from 5µL to 1000µL



MLA-brand Precision fixed-volume pipettes are made of engineered aluminum alloy and stainless steel, and ideal for a broad range of laboratory procedures requiring precision and accuracy. Each pipette is factory calibrated for accurate volume delivery and can be easily adjusted as needed to achieve accurate performance on dense or viscous liquids. Bright color coding of these pipettes by volume provides easy identification.

VistaLab Catalog #	Color	Volume	Accuracy	Precision
1101	Silver	5µL	±5.00%	3.74%
1021	Orange	10µL	±5.00%	2.60%
1102	Silver	15µL	±5.00%	1.73%
1022	Black	20µL	±3.00%	1.35%
1023	White	25µL	±3.00%	1.12%
1103	Silver	30µL	±3.00%	0.93%
1104	Silver	40µL	±3.00%	0.70%
1024	Green	50µL	±2.00%	0.80%
1106	Silver	60µL	±2.00%	0.67%
1107	Silver	70µL	±2.00%	0.57%
1108	Silver	75µL	±2.00%	0.53%
1109	Silver	80µL	±2.00%	0.50%
1110	Silver	90µL	±2.00%	0.44%
1025	Blue	100µL	±1.00%	0.54%
1111	Silver	120µL	±1.00%	0.45%
1112	Silver	150µL	±1.00%	0.36%
1026	Red	200µL	±1.00%	0.30%
1026LT	Red	200µL large tip	±1.00%	0.30%
1027	Purple	250µL	±1.00%	0.72%
1028	Brown	300µL	±1.00%	0.60%
1113	Silver	400µL	±1.00%	0.50%
1119	Silver	450µL	±1.00%	0.44%
1029	Yellow	500µL	±1.00%	0.40%
1115	Silver	600µL	±1.00%	1.00%
1505	Silver	700µL	±1.00%	0.86%
1117	Silver	800µL	±1.00%	0.75%
1118	Silver	900µL	±1.00%	0.67%
1030	Gray	1000µL	±1.00%	0.60%

MLA Micro D-Tipper Models

- Built-in tip ejector
- Two-stroke operation
- Overblow feature

MLA-brand Micro D-Tipper pipettes use a smooth two-stroke action (with overblow) to achieve repeatable results and dependable performance on microvolume sample sizes. Made of precision engineered aluminum and stainless steel, these pipettes are easy to use and require a simple upward lift on the pipette bonnet to eject used pipette tips. In-lab calibration is performed with minimal effort.



The MLA D-Tipper "Core Group"

- 5 D-Tipper pipettes (one 10µL, one 50µL, one 100µL, one 200µL, one 1000µL)
- MLA pipette stand
- 2 stacked dense packs of genuine MLA-brand tips

Order catalog # 1050-0999

VistaLab Catalog #	Color	Volume	Accuracy	Precision
1802	Red	2µL	±2.00%	2.50%
1803	Gray	3µL	±1.50%	2.00%
1804	White	4µL	±1.50%	2.00%
1805	Silver	5µL	±1.00%	1.50%
1806	Green	6µL	±1.00%	1.50%
1807	Purple	7µL	±1.00%	1.50%
1808	Black	8µL	±1.00%	1.50%
1809	Blue	9µL	±1.00%	1.50%
1810	Orange	10µL	±1.00%	1.50%

Performance specifications subject to change.

Tips with a Perfect Fit.

4060-2004 Catalog number

Use this tip chart to determine which tips are most appropriate for use with your MLA pipettes.

	MLA models:	2–200µL	201–1000µL	1–5mL	6–10mL
	TIP SIZE:	SMALL	LARGE	5 mL	10 mL
NON-STERILE	VistaRak 192 tips/rack, 5 racks	4060-2004	4060-3004		
	VistaStak, 192 tips/layer, 5 layers (small size) or 3 layers (large size)	4060-9025	4060-9026		
	Stacked Rack, 200 tips/layer, 5 layers (small size) or 3 layers (large size)	9025	9026		
	Stacked Rack, Trace Metal Certified, 200 tips/layer, 5 layers (small size) or 3 layers (large size)	9022	9023		
	Box 100 tips/box (5mL) or 35 tips/box (10mL)			9048	9050
	VistaClear Box 35 tips/box				4058-6100
	VistaBulk™, 1000 tips/bag, or 250 tips/bag (5mL) or 100 tips/bag (10mL)	4058-2000	4058-3000	4058-5000	4058-6000
	Protectainer™ Bulk Pack, 1000 tips (small) or 750 tips (large)	4025	4026		
STERILE	Econo-Pak™ Bulk Pack, 1000 tips	4225	4226		
	VistaRak, Sterile, Pyrogen-free, RNase/DNase certified, 192 tips/rack, 5 racks	4060-2132	4060-3132		
	VistaClear Box – Sterile, 60 tips/box (5mL) or 35 tips/box (10mL)			4058-5102	4058-6102
FILTERED	VistaTip™ Individually Wrapped Sterile, 200 tips	2025	2026		
	VistaTip Individually Wrapped, Sterile, Pyrogen-free, 200 tips	2027	2028		
	VistaRak, Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 192 tips/rack, 5 racks	4060-2332	4060-3332		
	VistaClear Box – Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 60 tips/box (5mL) or 35 tips/box (10mL)			4058-5133	4058-6133
	VistaTip Individually Wrapped, Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 50 tips			4058-5332	4058-6332



VistaRak™



VistaStak™



Stacked Rack

Notes:

1. Filtered tips contain a unique hydrophobic filter which acts as a barrier to aqueous liquids and aerosols, protecting the pipette and sample from trace amounts of carryover.
2. All 5mL tips are graduated, marked at 0.1mL increments

MLA Digital Adjustable Models

- Lower spring forces to minimize thumb muscle activity
- Three models to cover volume range of 10µL to 1000µL
- Easy to read digital volume settings

MLA-brand Digital adjustable pipettes are an ideal choice for laboratories that perform testing requiring multiple or nonstandard volumes. Simple dial-in settings with “click stops” provide fast and easy volume selection. Like all MLA-brand pipettes, they are made of engineered aluminum alloy and stainless steel for maximum durability and performance. A streamlined shape and smooth, single-stroke operation make these pipettes remarkably easy to use. All pipettes are engraved with serial numbers to facilitate improved traceability and calibration recordkeeping. In-lab calibration is performed with minimal effort.



VistaLab Catalog #	Color	Volume	Accuracy	Precision
1136	Green	10-50µL	±2% at 50µL	0.80% at 50µL
			±3% at 30µL	0.93% at 50µL
			±5% at 10µL	2.6% at 10µL
1137	Red	50-200µL	±1% at 200µL	0.50% at 200µL
			±1% at 125µL	0.43% at 125µL
			±2% at 50µL	0.80% at 50µL
1138	Gray	200-1000µL	±1% at 1000µL	0.60% at 1000µL
			±1% at 600µL	1.00% at 125µL
			±1% at 200µL	0.50% at 50µL

MLA Macro Volume Models

- Ideal for large volume tasks
- Fixed or selectable volume

MLA-brand Macro Volume pipettes are highly accurate, efficient and an easy solution to large volume handling tasks such as reconstituting reagents, controls, or dilutions. Available with 10 fixed volumes or two selectable volume models with 4 volume settings. Each pipette is factory calibrated for accurate volume delivery and can be easily adjusted as needed to achieve accurate performance on dense or viscous liquids. A graduated Macro Tip (5mL) is available to visually confirm the volume delivered.



VistaLab Catalog #	Color	Volume	Accuracy	Precision
1065	Gray	1mL	±0.75%	0.50%
1066	Red	2mL	±0.75%	0.50%
1067	Green	3mL	±0.75%	0.50%
1068	White	4mL	±0.75%	0.50%
1069	Yellow	5mL	±0.75%	0.50%
1076	Red	6mL	±0.60%	0.30%
1077	Red	7mL	±0.60%	0.30%
1078	Red	8mL	±0.60%	0.30%
1079	Red	9mL	±0.60%	0.30%
1070	Red	10mL	±0.60%	0.30%

MLA Adjustable & Selectable Models

- Incorporates several fixed volumes into a single pipette
- Volume selection is accomplished by simply rotating the plunger button

The MLA Selectable D-Tipper pipette is available with volumes of 50, 100 & 200µL, and the MLA Selectable Macro pipette in volumes of 2, 3, 4, & 5mL or 2, 3, 5 & 10mL. The MLA Macro Adjustable pipette allows volume changes in 0.1mL increments within the pipette’s volume range of 1 to 5mL. All volume selections are clearly marked for easy identification.



VistaLab Catalog #	Color	Volume	Accuracy	Precision
1132	Silver	50/100/200µL	±1.3% at 200µL	0.30% at 200µL
			±1.5% at 100µL	0.54% at 100µL
			±2.5% at 50µL	0.80% at 50µL
1134	Blue	2, 3, 4, 5mL	±1.0%	0.50%
1061	Blue	1-5mL	±1.0% at 5mL	±.50 at 5mL
			±1.0% at 3mL	±.50 at 3mL
			±1.0% at 1mL	±.60 at 1mL
1135	Red	2, 3, 5, 10mL	±0.75%	0.50%

Vistalab Reagent Reservoirs

Our disposable Reagent Reservoirs are the ideal pipetting companion. Each reservoir has trimmed base corners and distinct pour-off spouts that make it easy to empty without spills. They also feature a unique "trough within a trough" design that maximizes reagent recovery when scarce or expensive reagents are used.



REAGENT RESERVOIRS:			
LARGE	MEDIUM	SMALL	SMALL
3054-1000 100mL	3054-1006 50mL	3054-1004 25mL Divided	3054-1002 25mL
3054-2000 100mL	3054-2006 50mL		3054-2002 25mL
4054-1000 100mL	4054-1006 50mL	4054-1004 25mL Divided	4054-1002 25mL
3054-1001 100mL	3054-1007 50mL	3054-1005 25mL Divided	3054-1003 25mL
3054-3001 100mL			Individually wrapped, 50/case Pyrogen-free, RNase/DNase certified, sterile
3054-3000 100mL			Individually wrapped, 100/case Pyrogen-free, RNase/DNase certified, sterile
3054-5000			Reservoir Cooler for 100mL reservoir

Visit our web site www.vistalab.com for information on all our products.



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