

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



Fisher HealthCare

MLA-brand Pipettes – A laboratory tradition for over 4 decades.

MLA Pipettes are one of the most respected brands in the field of laboratory science. These pipettes are an ideal choice for short duration and infrequent pipetting needs where exposure to ergonomic risk factors is limited, while precision and accuracy remain essential.

MLA pipettes offer proven reliability and are known to survive many years without breakage or need for recalibration. Crafted from precision engineered metal components for unparalleled durability, MLA Pipettes carry a Lifetime Warranty.



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.

Fisher Catalog #	VistaLab Catalog #	Color	Volume	Accuracy	Precision
21-381-515	1141C	Silver	5µL	±5.00%	3.74%
21-381-500	1051C	Orange	10µL	±5.00%	2.60%
21-381-507B	1142C	Silver	15µL	±5.00%	1.73%
21-381-502	1052C	Black	20µL	±3.00%	1.35%
21-354	1053C	White	25µL	±3.00%	1.12%
21-319-15	1143C	Silver	30µL	±3.00%	0.93%
21-319-16	1144C	Silver	40µL	±3.00%	0.70%
21-381-504	1054C	Green	50µL	±2.00%	0.80%
21-381-507C	1146C	Silver	60µL	±2.00%	0.67%
21-381-507D	1147C	Silver	70µL	±2.00%	0.57%
21-381-507E	1148C	Silver	75µL	±2.00%	0.53%
21-381-507F	1149C	Silver	80µL	±2.00%	0.50%
21-381-507G	1150C	Silver	90µL	±2.00%	0.44%
21-381-506	1055C	Blue	100µL	±1.00%	0.54%
21-381-507H	1151C	Silver	120µL	±1.00%	0.45%
21-319-24	1152C	Silver	150µL	±1.00%	0.36%
21-360	1056C	Red	200µL	±1.00%	0.30%
21-381-507A	1056CLT	Red	200µL large tip	±1.00%	0.30%
21-362	1057C	Purple	250µL	±1.00%	0.72%
21-364	1058C	Brown	300µL	±1.00%	0.60%
21-319-25	1153C	Silver	400µL	±1.00%	0.50%
21-381-508	1059C	Yellow	500µL	±1.00%	0.40%
21-381-507J	1163C	Silver	900µL	±1.00%	0.67%
21-381-510	1060C	Gray	1000µL	±1.00%	0.60%

Note: MLA-brand D-Tipper pipettes are available in additional volumes on request. Ask your Fisher representative for details.



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

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.

Fisher Catalog #	VistaLab Catalog #	Color	Volume	Accuracy	Precision
21-320	1021	Orange	10µL	±5.00%	2.60%
21-230	1102	Silver	15µL	±5.00%	1.73%
21-322	1022	Black	20µL	±3.00%	1.35%
21-324	1023	White	25µL	±3.00%	1.12%
21-319-3	1104	Silver	40µL	±3.00%	0.70%
21-326	1024	Green	50µL	±2.00%	0.80%
21-328	1025	Blue	100µL	±1.00%	0.54%
21-381-62	1112	Silver	150µL	±1.00%	0.36%
21-330	1026	Red	200µL large tip	±1.00%	0.30%
21-332	1027	Purple	250µL	±1.00%	0.72%
21-334	1028	Brown	300µL	±1.00%	0.60%
21-336	1029	Yellow	500µL	±1.00%	0.40%
21-338	1030	Gray	1000µL	±1.00%	0.60%

Note: MLA-brand Precision pipettes are available in additional volumes on request. Ask your Fisher representative for details.

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.



Fisher Catalog #	VistaLab Catalog #	Color	Volume	Accuracy	Precision
21-357A	1802	Red	2µL	±2.00%	2.50%
21-357B	1803	Gray	3µL	±1.50%	2.00%
21-357C	1804	White	4µL	±1.50%	2.00%
21-357D	1805	Silver	5µL	±1.00%	1.50%
21-357E	1806	Green	6µL	±1.00%	1.50%
21-357F	1807	Purple	7µL	±1.00%	1.50%
21-357G	1808	Black	8µL	±1.00%	1.50%
21-357H	1809	Blue	9µL	±1.00%	1.50%
21-357J	1810	Orange	10µL	±1.00%	1.50%

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.



Fisher Catalog #	VistaLab Catalog #	Color	Volume	Accuracy	Precision
21-369F	1136	Green	10-50µL	±2% at 50µL ±3% at 30µL ±5% at 10µL	0.80% at 50µL 0.93% at 50µL 2.6% at 10µL
21-369G	1137	Red	50-200µL	±1% at 200µL ±1% at 125µL ±2% at 50µL	0.50% at 200µL 0.43% at 125µL 0.80% at 50µL
21-369H	1138	Gray	200-1000µL	±1% at 1000µL ±1% at 600µL ±1% at 200µL	0.60% at 1000µL 1.00% at 125µL 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.



Fisher Catalog #	VistaLab Catalog #	Color	Volume	Accuracy	Precision
21-369A	1065	Gray	1mL	±0.75%	0.50%
21-369B	1066	Red	2mL	±0.75%	0.50%
21-369C	1067	Green	3mL	±0.75%	0.50%
21-369D	1068	White	4mL	±0.75%	0.50%
21-369E	1069	Yellow	5mL	±0.75%	0.50%
22-146-312	1076	Red	6mL	±0.60%	0.30%
22-146-313	1077	Red	7mL	±0.60%	0.30%
22-146-314	1078	Red	8mL	±0.60%	0.30%
22-146-315	1079	Red	9mL	±0.60%	0.30%
22-146-316	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. 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.



Fisher Catalog #	VistaLab Catalog #	Color	Volume	Accuracy	Precision
21-345C	1132	Silver	50/100/200µL	±1.3% at 200µL ±1.5% at 100µL ±2.5% at 50µL	0.30% at 200µL 0.54% at 100µL 0.80% at 50µL
21-369M	1134	Blue	2, 3, 4, 5mL	±1.0%	0.50%
21-318-600	1061	Blue	1-5mL	±1.0% at 5mL ±1.0% at 3mL ±1.0% at 1mL	±.50 at 5mL ±.50 at 3mL ±.60 at 1mL

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	201–1000mL	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)	21-341	21-343		
	Stacked Rack, Trace Metal Certified, 200 tips/layer, 5 layers (small size) or 3 layers (large size)	21-319-27	21-319-28		
	Box 100 tips/box (5mL) or 35 tips/box (10mL)			21-318-602	22-146-310
	VistaClear Box 35 tips/box				22-146-322
	VistaBulk™, 1000 tips/bag, or 250 tips/bag (5mL) or 100 tips/bag (10mL)	22-146-636	22-146-643	4058-5000	22-146-321
	Protectainer™ Bulk Pack, 1000 tips (small) or 750 tips (large)	21-341-20	21-343-20		
Econo-Pak™ Bulk Pack, 1000 tips	22-046-533	22-046-534			
STERILE	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)			22-146-688	22-146-323
	VistaTip™ Individually Wrapped Sterile, 200 tips	21-341-10	21-343-10		
	VistaTip Individually Wrapped, Sterile, Pyrogen-free, 200 tips	21-343-21	21-343-22		
FILTERED	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)			22-146-689	22-146-324
	VistaTip Individually Wrapped, Filtered, Sterile, Pyrogen-free, RNase/DNase certified, 50 tips			4058-5332	22-146-32



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

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:	SMALL	SMALL	MEDIUM	LARGE
Bulk, 100/case Pyrogen-free, RNase/DNase certified, sterile	25mL 21-381-27C	25mL Divided 21-381-27E	50mL 21-381-27G	100mL 21-381-27A
Bulk, 200/case Pyrogen-free, RNase/DNase certified, sterile	25mL 21-385-102		50mL 21-385-104	100mL 21-385-100
Bulk, 100/case non-sterile	25mL 22-145-101	25mL Divided 22-145-102	50mL 22-145-103	100mL 22-145-100
Individually wrapped, 50/case Pyrogen-free, RNase/DNase certified, sterile	25mL 21-381-27D	25mL Divided 21-381-27F	50mL 21-381-27H	100mL 21-381-27B
Individually wrapped, 100/case Pyrogen-free, RNase/DNase certified, sterile	25mL 21-385-103		50mL 21-385-105	100mL 21-385-101
Individually wrapped with lid, 50/case Pyrogen-free, RNase/DNase certified, sterile				100mL 21-385-111
Bulk, reservoir lid, 100/case Pyrogen-free, RNase/DNase certified, sterile				100mL 21-385-110
Reservoir Cooler for 100mL reservoir				21-385-112

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