Tips for All Applications

Alpha Laboratories has an extensive range of pipette tips for both routine and specialist applications. As part of an ongoing development programme, we continually improve our range to meet customer demands.

Alpha Tips

Alpha pipette tips are manufactured from medical grade polypropylene in modern production facilities with stringent quality controls at every stage. Where appropriate, certificates are available for tips to show they are sterile, free from DNase, RNase, endotoxins and DNA. This means that you can protect your samples with the assurance of quality and reliability right to the last tip in the box. Tip fit is tested on all the major pipette brands and details are shown for each tip on the relevant catalogue page or on our web site, www.alphalabs.co.uk

Non-Filter Tips

We have non-filter tips in a variety of formats including loose, racked and our leading eco-friendly tip refill system, *Fastrak*[®]. Sizes cover the complete volume range from 0.1μ l to 10ml. For those looking to maximise their budgets, our popular **'Everyday'** tips offer superb quality and value for money. They are made from the same moulds as other tips in our range but without certification.

Filter Tips

There are 2 Alpha filter tip ranges and both are certified to be free of RNase, DNAse, DNA, Pyrogens, ATP and trace metals.

- ZAP[™] Premier: These tips provide ultimate protection of your pipette from both aerosols and fluid contamination. The pores in this filter are very small (~10µm) so that in the event of over-pipetting, the filter blocks the overdrawn fluid but does not absorb it so the sample can be completely dispensed. Tips are autoclavable and sterilised by gamma radiation.
- 2. Aerogard®: This comprehensive range has a wide choice of tip formats to fit the majority of pipettes. It provides excellent protection of your samples and instruments from carry-over and cross-contamination. Aerogard® tips are perfect for PCR, radioisotope work and handling viruses and serological samples. They are sterilised by gamma radiation. Tips are autoclavable.

Most Aerogard® tips in this catalogue are also made with low retention resin which broadens their use to viscous liquids and low volumes.

Low Retention Tips

These have an ultra-smooth surface that reduces the amount of sample retained by the tip. They are perfect for dispensing viscous solutions, precious samples or very small volumes.

Gel-Loading Speciality Tips

Gel loading tips offer an ideal solution for gel electrophoresis. Their narrow delivery orifice dispenses the complete sample to the bottom of the Well, resulting in high quality data.

We have round or flat tips with a choice of widths:

- Round tips (o.d: 0.57mm) are used for loading gels such as SDS PAGE.
- Flat tips (o.d: 0.17 and 0.37mm) are used for sequencing gels

Some tips are available with additional features such as extended length for access to the bottom of narrow vessels and gel Wells. Others have filters for pipette protection.



Packaging Formats

We offer a comprehensive choice of packaging formats to suit your needs.







Loose

Loose tips are supplied in durable, resealable, polythene bags for hand racking or use straight from the bag.

Racked

Tips are pre-racked and are available in **non-sterile** and sterile options. Most nonsterile tips are autoclavable - see individual tip pages for details. Sterile tips have been treated with e-beam or gamma radiation and each rack is individually wrapped and sealed.

Five Easy	Steps	to	Tip
Selection	-		

By following the easy to use tip selection guide and packaging icon key below, you can make sure that the tip you require is available in the style and format that best suits your applications.

			Non-Filter	
8	Tip Descriptior	0 1-10µl Micro Ultrafine		
	Coding and Certi	Coding and Certification (see page 33)		
Check certification for suitable tips - see the	Pipette Make Model			
details below		Variable Volume	0.1-2.5, 0.5-10	
	Alpha+	Fixed Volume	2.5, 5, 10	
	$ \land $	Multi Channel	0.5-10	
	-()	Picus®/Picus®NxT Single Channel	0.2-10	
Find the make and	Sartorius	Picus®/Picus®NxT Multi Channel	0.2-10	
model of your pipette	(Biohit)	mLINE [®] /Proline Plus [®]	0.5-10	
model of your pipelle		Proline ^{® 1}		
		Electronic	0.5-10	
		Reference	0.1-2.5, 0.5-10	
	Eppendorf [®]	Research Pro	0.5-10	
2		Research	0.1-2.5, 0.5-10	
Find the tips which		Research Plus	0.5-10	
include the volume		Pipetman	P2, 10	
range of your pipette	Gilson	Pipetman Ultra	U2, 10	
lange of your pipelle		Pipetman Classic,G,L	0.2-2, 1-10	
		EDP3		
4	Rainin®	EDP1		
Choose the packaging		Pipet Lite SL	0.1-2, 0.5-1 0	
format you require	Loose			
	Non-Sterle	Pack Size	1000	
		Price/Pack	£16.20	
-	Racker	Cat. No.	LWT126	
6		Pack Size	12 x 96	
		Price/Pack	£45.80	
Select the Alpha	Racked	Cat. No.	LW1136	
catalogue number for		Pack Size	12 x 96	
your order		S Price/Pack	£51.50	

Tip and Colour Coding for Easy Identification

The tip fit tables	White	10µl tip
	vvince	τομιτιρ
are colour-coded	Yellow	200μ l tip
to indicate the	Tellow	200μ1 τιρ
	Blue	1000μ l tip
maximum volume	blue	τουομι τιρ
6 1	Purple	Other volumes
of your chosen tip.	Purpie	Other volumes

D Tips are lot tested and certified for absence of detectable human DNA

- Ds Sterile tips only are lot tested and certified for absence of detectable human DNA
- Tips are lot tested and certified for absence of detectable endotoxins (pyrogens) Е
- Es Sterile tips only are lot tested and certified for absence of detectable endotoxins (pyroaens)
- Tips have graduations to visually check volume G
- Tips are tested and certified for absence of heavy metals М
- Ν Low Retention Resin

- Tips are lot tested and certified for absence of detectable DNase and RNase R
- Tips have reduced forces for mounting and ejection to avoid strain injuries т
- U Tips have a thin, flexible point which allows the last drop to be dispensed easily



Fastrak® Refill System

Fastrak® is a unique, ecofriendly system for rapid refilling of racks with minimal packaging and waste. See page 38-39 for details.



Pipette Tips

				Non-Filter		
Tip Description and Volume Range μ l		0.1-10µl Micro Ultrafine	1-200µl 'Everyday' Bevel	1-200µl Bevel	1-200µl Reference Bevel	1-200µl Bevel
Coding and Cert	ification (see page 33)	D,E,G,M,R		D,E,M,R	D,E,G,M,R	Ds,E,G
Pipette Make	Model		Pip	ette Volume Range μ l	r.	1
	Variable Volume	0.1-2.5, 0.5-10	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-20
alpha+	Fixed Volume	2.5, 5, 10	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200
	Multi Channel	0.5-10		5-50, 10-100, 20-200	5-50, 10-100, 20-200	5-50, 10-100, 20-200, 30-300
	Picus [®] /NxT Single Channel	0.2-10	5-120, 10-300	5-120, 10-300	5-120, 10-300	
	Picus®/NxT Multi Channel	0.2-10	5-120, 10-300	5-120, 10-300	5-120, 10-300	
Sartorius	eLINE [®]	0.2-10	5-120	5-120	5-120	
(Biohit)	Tacta/mLINE/Proline+	0.5-10	20-200	20-200	20-200	2-20, 10-100, 20-200 (5-100 M/C)
	Proline ^{® 1}		2-200	2-200	2-20	2-20, 5-50, 10-100, 20-20 (5-50 M/C)
	Electronic	0.5-10	5-100, 20-200	5-100, 20-200	5-100, 20-200	
	Reference	0.1-2.5, 0.5-10	2-200	2-200	2-200	2-20,10-100, 50-200
	Research Pro	0.5-10	5-100	5-100	5-100	
Eppendorf®	Research	0.1-2.5, 0.5-10	2-200	2-200	2-200	
	Research Plus	,,				2.20.40.40.00
		0.5-10	2-20, 10-100, 20-200, (M/C 10-100)	2-20, 10-100, 20-200, (M/C 10-100)	2-20, 10-100, 20-200, (M/C 10-100)	2-20, 10-100,20-200 (M/C10-100)
	Pipetman	P2, 10	P20, 100, 200	P20, 100, 200	P20, 100, 200	
	Pipetman Ultra	U2, 10	U20, 100, 200	U20, 100, 200	U20, 100, 200	
Gilson	Pipetman Classic,G,L		2-200, 10-200,	2-200, 10-200,	2-200, 10-200,	
		0.2-2, 1-10	20-200, 50-200, (M/C 1-20, 20-200)	20-200, 50-200, (M/C 1-20, 20-200)	20-200, 50-200, (M/C 1-20, 20-200)	2-20, 20-100, 50-200
	EDP3		2-200	2-200	2-200	
Rainin®	EDP1		2-200	2-200	2-200	
Kainin-	Pipet Lite SL	0.1-2, 0.5-10	2-20, 10-100, 20-200	2-20, 10-100, 20-200	2-20, 10-100, 20-200	2-20,10-100, 20-200
	Classic					
	Digital	0.2-10, 0.5-10	2-200	2-200	2-200	
Thermo	Focus	0.3-10	1-100	1-100	1-100	
Electron	Biocontrol	0.5-10	5-200	5-200	5-200	
Finnpipette™	Novus	1-10	1-100	1-100	1-100	
	Finnpipette 4500					0.5-5, 2-20, 5-50, 10-100 20-200, (M/C 5-50)
	and Certification le - see page 33		everyday			
	eu			1	1	1
– see pages	ated are actual size vise stated	Filter Tips available <i>Fastrak</i> * available	FD000	Filter Tips available <i>Fastrak</i> ® available	Filter Tips available <i>Fastrak</i> ® available	10000144
– see pages All tips illustra unless otherw Loose	38-39 ated are actual size	Fastrak [®]	ED0200 1000	available Fastrak®	available Fastrak®	LP2008VY 1000
– see pages All tips illustra unless otherw Loose	38-39 ated are actual size vise stated	<i>Fastrak</i> ® available LW1154	ED0200 1000	available <i>Fastrak</i> ® available LW6361	available <i>Fastrak</i> ® available LW6391	LP200BVY 1000
– see pages All tips illustra unless otherw Loose Non-Sterile	38-39 ated are actual size vise stated Cat. No. Pack Size Cat. No.	<i>Fastrak</i> ® available LW1154		available <i>Fastrak</i> ® available LW6361	available <i>Fastrak</i> ® available LW6391	
– see pages All tips illustra unless otherw Loose Non-Sterile Racked	38-39 ated are actual size vise stated Cat. No. Pack Size	Fastrak® available LW1154 1000		available Fastrak® available LW6361 1000	available <i>Fastrak</i> ® available LW6391	1000
– see pages All tips illustra unless otherw	38-39 ated are actual size vise stated Cat. No. Pack Size Cat. No. Cat. No. Cat. No. Cat. No.	Fastrak® available LW1154 1000 LW1126		available Fastrak® available LW6361 1000 LW6360	available <i>Fastrak</i> ® available LW6391	1000 LP200BVRY

1. Also labelled as Jencons Sealpette and as Genex.

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			tention		
olume Range μ	Tip Description and Vo	1-300µl Low Retention	1-200 <i>µ</i> l Low Retention	0.5-10µl Extended Low Retention	0.1-10µl Micro Low Retention
1	oding and Certificatior	E,G,N	E,G,N	E,N	Ds,E,N
Pipette Make	Model				
	Variable Volume	2-20, 5-50, 10-100, 20-200	2-20, 5-50, 10-100, 20-200	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10
alpha+	Fixed Volume	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	2.5, 5, 10	2.5, 5, 10
	Multi Channel	5-50, 10-100, 20-200, 30-300	5-50, 10-100, 20-200	0.5-10	0.5-10
	s®/Picus®NxT Single Channel us®/Picus®NxT Multi Channel eLINE®				
(Biohit)	Tacta/mLINE/Proline+	2-20, 10-100, 20-200 (M/C 5-100 30-300)	2-20, 10-100, 20-200 (5-100 M/C)	0.1-3,0.5-10	0.1-3,0.5-10
	Proline ^{® 1}	2-20, 5-50, 10-100, 20-200 (M/C 5-50, 50-300)	2-20, 5-50, 10-100, 20-200 (5-50 M/C)	0.1-2.5,0.5-10	0.1-2.5,0.5-10
-	Electronic				
-	Reference	2-20,10-100, 50-200	2-20,10-100, 50-200	0.1-2.5, 0.5-10, 2-20 micro	0.1-2.5, 0.5-10
Eppendorf [®]	Research Pro Research				
	Research Plus	2-20, 10-100,20-200 (M/C10-100, 30-300)	2-20, 10-100,20-200 (M/C 10-100)	0.1-2.5, 0.5-10, 2-20 micro	0.1-2.5, 0.5-10
	Pipetman				
Gilsor	Pipetman Ultra				
	Pipetman Classic,G,L	2-20, 20-100, 50-200	2-20, 20-100, 50-200	0.2-2, 1-10	0.2-2, 1-10
	EDP3				
Rainin [®]	EDP1 Pipet Lite SL	2-20,10-100, 20-200	2-20,10-100, 20-200	0.1-2, 0.5-10	0.1-2, 0.5-10
	Classic				
-	Digital				
Thermo	Focus Biocontrol				
Electror ™ Finnpipette	Novus				
	Finnpipette 4500	0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50, 50-300)	0.5-5, 2-20, 5-50, 10-100, 20- 200, (M/C 5-50)	0.2-2, micro,0.5-5, micro	0.2-2, micro,0.5-5, micro
I ar brands Manufacturers eir pipette ur knowledge, ik for samples bur particular ir pipette is tables, please act us for 's maximum ceeded, e range of	Tip Fit We have indicated the ti ompatibility with popul and models of pipette. N an however change the pecifications without ou o it is always best to asl and check tip fit with yo ipettes. Likewise, if you ot shown in the tip fit ti equest samples or conta dvice. lease note that the tip' olume must not be exc egardless of the volume our pipette.				
	nless otherwise stated	Filter Tips available	Filter Tips available	Filter Tips available	Filter Tips available
Loose Non-Sterile	Cat. No. Pack Size		LP200N 1000	LP010XLN 1000	LP010N 1000
Rackeo Non-Sterile	Cat. No. Pack Size	LP300NR 10 x 96			
Rackec Sterile	Cat. No. Pack Size				



Pipette Tips

Гір Descriptio	n and Volume Range μ l	100-1000µl 'Everyday' Ultrafine	100-1000 <i>µ</i> l	100-1000µl Ultrafine	100-1000µl Referenc Ultrafine
Coding and Ce	rtification (see page 33)		E,G	D,E,M,R	D,E,M,R
Pipette Make	Model		Pipette Volum	e Range µl	
	Variable Volume	100-1000	100-1000	100-1000	100-1000
alpha+	Fixed Volume	250, 500, 1000	250, 500, 1000	250, 500, 1000	250, 500, 1000
	Multi Channel			100-1000	100-1000
	Picus [®] /Picus [®] NxT Single Channel	50-1000		50-1000	50-1000
	Picus [®] /Picus [®] NxT Multi Channel				
Sartorius	eLINE®	50-1000		50-1000	50-1000
(Biohit)	Tacta/mLINE [®] /Proline Plus [®]	100-1000	100-1000	100-1000	100-1000
	Proline ^{® 1}		100-1000		
	Electronic				
	Reference	100-1000		100-1000	100-1000
Eppendorf [®]	Research Pro	50-1000		50-1000	50-1000
-ppendon	Research	100-1000		100-1000	100-1000
	Research Plus	M/C 30-300	100-1000	100-1000	100-1000
	Pipetman	P1000	100 1000	P1000	P1000
Gilson	Pipetman Ultra	U1000		U1000	U1000
Glisoff	Pipetman Classic,G,L	20-1000	200-1000	20-1000	20-1000
	EDP3	100-1000	200-1000	100-1000	100-1000
	EDP1	100-1000		100-1000	100-1000
Rainin®	Pipet Lite SL	100-1000	100-1000	100-1000	100-1000
	· · · · · · · · · · · · · · · · · · ·	100-1000	100-1000	100-1000	100-1000
	Classic				
	Digital	100,1000		100,1000	100,1000
hermo	Focus	100-1000		100-1000	100-1000
lectron innpipette™	Biocontrol				
impipette	Novus Finnpipette 4500	100-1000	100-1000	100-1000	100-1000
autoclavabl		everyday			
All tips illustra unless otherv .oose Non-Sterile	ated are actual size vise stated Cat. No. Pack Size	ED1000 1000	LP1000B 1000	LW6471 1000	Filter Tips available LW6481 1000
unless otherv	Cat. No. Pack Size			1000	available LW6481
oose Jon-Sterile	vise stated				available LW6481
oose lon-Sterile	Image: stated Cat. No. Image: stated Pack Size Image: stated Cat. No. Image: stated Cat. No. Image: stated Cat. No. Image: state sta			1000 LW6470 6 x 96	available LW6481
unless otherv	Vise stated Cat. No. Pack Size Cat. No. Cat. No. Cat. No.			1000 LW6470	available LW6481

1. Also labelled as Jencons Sealpette and as Genex.

Pipette Tips

1000-5000µl Finnpipette	1000-5000µl Gilson Reference	1000-5000µl Eppendorf Sartorius	1000-10,000µl Universal Reference	1000-10,000µl Gilson Reference	100-1250µl Low Retention	Tip Description and Volume Range μ	
M,R	D,E,G,R	D,E,G,R	D,E,G,R	Ds,E	E,G,N	Coding and Certificatio	n (see <i>page 33</i>)
		Pipette Volun	ne Range µl	1	1	Model	Pipette Make
		500-5000		1000-10,000	100-1000	Variable Volume	
		2000, 5000		10,000	250, 500, 1000	Fixed Volume	alpha+
		100-5000				Multi Channel Picus [®] /NxT Single Channel	
		100-5000				Picus [®] /NxT Multi Channel	
		100-5000	ALC: NAME OF			eLINE®	Sartorius
		500-5000	1000-10,000		100-1000	Tacta/mLINE [®] /Proline+	(Biohit)
		1000-5000			100-1000	Proline ^{® 1}	
						Electronic	
		400 5000				Reference	
		100-5000	1000 10 000			Research Pro	Eppendorf [®]
		500-5000	1000-10,000		100-1000	Research Research Plus	
	P5000		P10ml	P10ml	100-1000	Pipetman	
	U5000					Pipetman Ultra	Gilson
					200-1000	Pipetman Classic,G,L	
Sec. 1			2.2.2			EDP3	
			G-9131			EDP1	Rainin®
			2.2.2		100-1000	Pipet Lite SL	Kannin
4.5.1			2.2.2			Classic	
1-5ml			1.2.1			Digital Focus	
						Biocontrol	Thermo Electron
			1 1 1			Novus	Finnpipette™
			1.0		100-1000	Finnpipette 4500	
			1.1			Tip Fit	
						We have indicated th compatibility with po- brands and models of pipette. Manufacture however change the specifications withou knowledge, so it is a to ask for samples ar fit with your particul Likewise, if your pipe shown in the tip fit t request samples or of for advice. Please note that the maximum volume m be exceeded, regard volume range of you	opular of ers can ir pipette it our lways best nd check tip ar pipettes. tte is not ables, please ontact us tip's nust not less of the ar pipette.
LW1062	Filter Tips available LW1127	Filter Tips available LW7829	Filter Tips available LW7833	LP10000B	LP1250N	All tips illustrated are ac unless otherwise stated Cat. No. । जि. स	
250	250	250	200	200	1000	Pack Size	Loose Non-Sterile
						Price/Pack	Non-Sterile
	LW1129 / LW1122					Cat. No.	Racked
	2 x 50 / 10 x 50					Pack Size	Non-Sterile
		1	1	1		Price/Pack	
	LW1128 2 x 50	LW7828 2 x 50	LW7835 2 x 25			Cat. No. Pack Size	Racked

