

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 0.1µl 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.

1. **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.

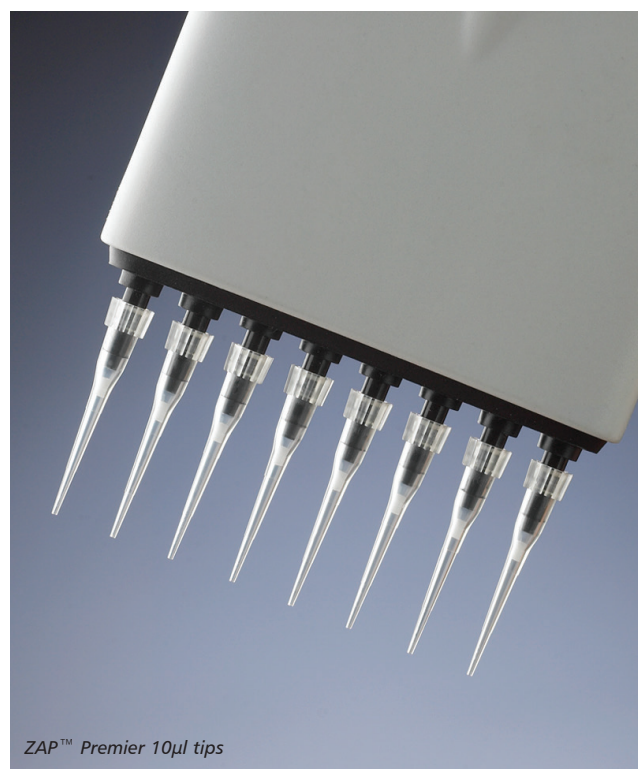
Gel-Loading Speciality Tips

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.



ZAP™ Premier 10µl tips

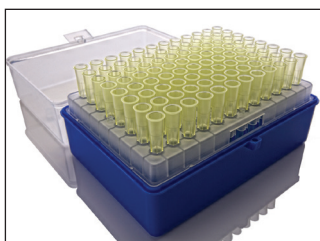
Packaging Formats

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 non-sterile 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.



Fastrak® Refill System

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

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.

3 Check certification for suitable tips - see the details below

1 Find the make and model of your pipette

2 Find the tips which include the volume range of your pipette

4 Choose the packaging format you require

5 Select the Alpha catalogue number for your order

Tip Description and Volume Range μ l		Non-Filter
		0.1-10 μ l Micro Ultrafine
Coding and Certification (see page 33)		D,E,G,M,R
Pipette Make	Model	
Alpha+	Variable Volume	0.1-2.5, 0.5-10
	Fixed Volume	2.5, 5, 10
	Multi Channel	0.5-10
	Picus®/Picus®N&T Single Channel	0.2-10
	Picus®/Picus®N&T Multi Channel	0.2-10
Sartorius (Biohit)	mLINE®/Proline Plus®	0.5-10
	Proline® 1	
	Electronic	0.5-10
	Reference	0.1-2.5, 0.5-10
Eppendorf®	Research Pro	0.5-10
	Research	0.1-2.5, 0.5-10
	Research Plus	0.5-10
Gilson	Pipetman	P2, 10
	Pipetman Ultra	U2, 10
	Pipetman Classic,G,L	0.2-2, 1-10
Rainin®	EDP3	
	EDP1	
	Pipet Lite SL	0.1-2, 0.5-10
Loose Non-Sterile		Pack Size 1000 Price/Pack £16.20 Cat. No. LW1126
Racked Non-Sterile		Pack Size 12 x 96 Price/Pack £45.80 Cat. No. LW1136
Racked Sterile		Pack Size 12 x 96 Price/Pack £51.50

Tip and Colour Coding for Easy Identification

The tip fit tables are colour-coded to indicate the maximum volume of your chosen tip.

White	10 μ l tip
Yellow	200 μ l tip
Blue	1000 μ l tip
Purple	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
- E** Tips are lot tested and certified for absence of detectable endotoxins (pyrogens)
- Es** Sterile tips only are lot tested and certified for absence of detectable endotoxins (pyrogens)
- G** Tips have graduations to visually check volume
- M** Tips are tested and certified for absence of heavy metals
- N** Low Retention Resin
- R** Tips are lot tested and certified for absence of detectable DNase and RNase
- T** Tips have reduced forces for mounting and ejection to avoid strain injuries
- U** Tips have a thin, flexible point which allows the last drop to be dispensed easily

Pipette Tips

Tip Description and Volume Range μ l		Cellsaver Tips			Gel Loading Tips									
		100-1000 μ l Aerogard® Cell Saver	1-200 μ l Cell Saver	101-1000 μ l Cell Saver	0.1-10 μ l Gel Tip Round*	10 μ l Gel Tip Flat 0.17mm	10 μ l Gel Tip Flat 0.37mm	10 μ l Gel Tip Round 0.57mm						
Coding and Certification (see page 33)		D,E,M,R	E,G,R	E,G,R	D,E,G,R	D,E,G,R	D,E,G,R							
Pipette Make	Model	Pipette Volume Range μ l												
alpha+	Variable Volume	100-1000	2-20, 5-50, 10-100, 20-200	100-1000	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10						
	Fixed Volume	250, 500, 1000	20, 25, 40, 50, 100, 200	250, 500, 1000	2.5, 5, 10	2.5, 5, 10	2.5, 5, 10	2.5, 5, 10						
	Multi Channel	100-1000	5-50, 10-100, 20-200											
Sartorius (Biohit)	Picus®/Picus®N&T Single Channel													
	Picus®/Picus®N&T Multi Channel													
	eLINE®	50-1000												
	Tacta		2-20, 10-100, 20-200 (5-100 M/C)	100-1000	0.5-10									
	mLINE®/Proline Plus®	100-1000	2-20, 10-100, 20-200 (5-100 M/C)	100-1000	0.5-10									
	Proline® ¹	200-1000	2-20, 5-50, 10-100, 20-200 (5-50 M/C)	100-1000		0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10						
Eppendorf®	Electronic													
	Reference	100-1000	2-20,10-100, 50-200		0.1-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10						
	Research Pro	50-1000												
	Research	100-1000			0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10	0.1-2.5, 0.5-10						
	Research Plus	100-1000	2-20, 10-100, 20-200 (M/C 10-100)	100-1000										
Gilson	Pipetman	200-1000			P2, 10	P2, 10	P2, 10	P2, 10						
	Pipetman Ultra	200-1000			U2, 10									
	Pipetman Classic,G,L	200-1000	2-20, 20-100, 50-200	200-1000										
Rainin®	EDP3	100-1000												
	EDP1	100-1000												
	Pipet Lite SL	100-1000	2-20,10-100, 20-200	100-1000		0.2-2, 0.5-10	0.2-2, 0.5-10	0.2-2, 0.5-10						
	Classic				1-10									
Thermo Electron Finnpipette™	Digital	100-1000												
	Focus	200-1000												
	Biocontrol	100-1000												
	Novus	100-1000												
	Finnpipette 4500		0.5-5, 2-20, 5-50, 10-100, 20-200, (M/C 5-50)	100-1000										
Tip Coding and Certification Key available - see page 33														
Loose Non-Sterile	Cat. No.								LP200W	LP1000W	LW1103			
	Pack Size								1000	1000	1000			
Racked Non-Sterile	Cat. No.											GL01017NTR	GL01037NTR	GL01057NTR
	Pack Size											2 x 96	2 x 96	2 x 96
Racked Sterile	Cat. No.								ZP1250CS			GL01017NTRS	GL01037NTRS	GL01057NTRS
	Pack Size								6 x 96			2 x 96	2 x 96	2 x 96

Gel Loading Tips			
200µl Gel Tip Flat 0.17mm	200µl Gel Tip Flat 0.37mm	200µl Gel Tip Round 0.57mm	200µl Gel Tip Round Short Body 0.57mm
D,E,G,R	D,E,G,R	D,E,G,R	Ds,Es,M,R
Pipette Volume Range µl			
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, 20-200
20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200	20, 25, 40, 50, 100, 200
5-50, 10-100	5-50, 10-100	5-50, 10-100	0.5-200
2-200	2-200	2-200	2-200
2-200	2-200	2-200	2-200
P20, 100, 200	P20, 100, 200	P20, 100, 200	P20, 100, 200
U20, 100, 200	U20, 100, 200	U20, 100, 200	U20, 100, 200
			0.5-200
			1-300

			GL20057SNTRL 1000
GL20017NTR 2 x 96	GL20037NTR 2 x 96	GL20057NTR 2 x 96	GL20057SNTR 10 x 96
GL20017NTRS 2 x 96	GL20037NTRS 2 x 96	GL20057NTRS 2 x 96	GL20057SNTRS 10 x 96

Gel Cutting Tips

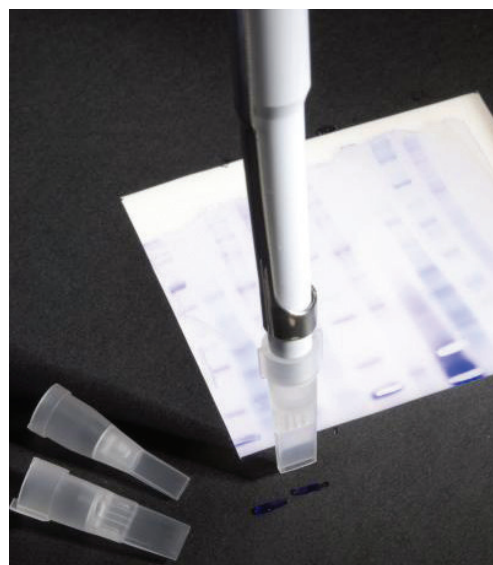


A great new tool for Gene Cloning

- Eliminates scalpel damage to transilluminator or gel tray
- Designed for removing bands from agarose and protein gels
- Gel cutting tips fit alpha+ 250, 500 & 1000µl pipettes as well as standard 1000µl pipettes
- Autoclavable
- DNase and RNase free
- Sterile racked versions are also available

Gel cutting tips from Alpha Laboratories mean no more scalpels required. These tips offer a unique and convenient way to excise bands from gels. Gel cutting tips allow complete single handed and contamination free removal of the gel band of interest.

The gel band is neatly extracted and contained in the tip. It can then be simply dispensed into a tube and the used tip ejected and disposed of. See pages 137-160 for our full electrophoresis range.



Gel Cutting Tips		
Catalogue Number	Description	Pack Size
EL2650	Gel Cutting Tips 4mm x 1mm	250
EL2650R	Gel Cutting Tips 4mm x 1mm	5 x 48
EL2660	Gel Cutting Tips 6.5mm x 1mm	250
EL2660R	Gel Cutting Tips 6.5mm x 1mm	5 x 48

'R' = Racked Tips

Gel Loading / Gel Cutting Pipette Tips