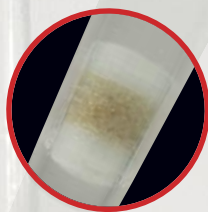




Multi-Barrier Pipette Tips



Genuine
AXYGEN
Quality[®]



Multi-Barrier Technology

Technologically advanced Multi-Barrier filter tip seals on contact and prevents sample contamination.

Axygen introduces the ultimate filter barrier technology.

Our new GEN3™ multi-barrier filter pipette tips offer the ultimate in protection against cross contamination using a patent pending tri-filter technology. These tips will prevent liquid or aerosol from passing through and will lock on contact assuring your valuable samples and research have not been compromised.

Unlike other self-sealing barrier tips that can possibly inhibit PCR, GEN3™ tips effectively separate liquid from the self sealing barrier using an additional protective layer of conventional polyethylene filter material.

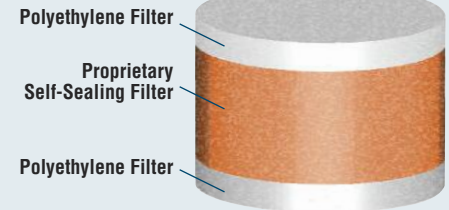
In addition to the self sealing properties, our GEN3™ multi-barrier pipette tips feature our exclusive Maxymum Recovery technology which reduces the amount of reagent or sample adhering to the pipette tip. This allows complete sample retrieval. Maxymum Recovery also reduces the risk of DNA denaturation.

Offered in racks and pre-sterilized via e-beam, our tips are RNase/DNase and pyrogen safe.

- Multi-Barrier Self Sealing Filter prevents aerosol or liquid cross contamination
- Proprietary filter design prevents possible PCR inhibition
- Maxymum Recovery technology for ultra-low retention and high yield
- Hinged rack for convenience and ease of use
- Pre-Sterilized; No need to autoclave
- RNase/DNase and Pyrogen-Safe for total sample integrity



Unique GEN3™ Multi-Barrier Design:



Performance comparison of filter pipette tips:

These images show a visual comparison of the Axygen GEN3™ filter pipette tip compared to a conventional filter tip following the over-aspiration of a colored liquid.

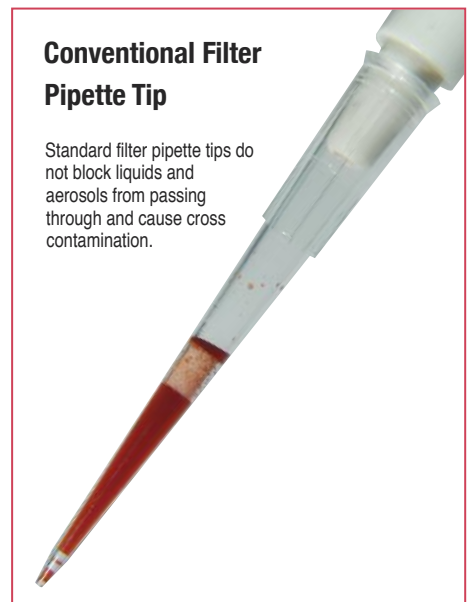
Axygen GEN3™ Multi-Barrier Tip

GEN3 Multi-Barrier pipette tips seal on contact with liquids and prevent liquids or aerosols from passing through - eliminating cross contamination.



Conventional Filter Pipette Tip

Standard filter pipette tips do not block liquids and aerosols from passing through and cause cross contamination.





Maxymum Recovery is included as a standard feature on all GEN3™ Multi-Barrier Tips.

- Ultra-smooth surfaces
- Exclusive molding technology
- Reduce sample loss
- Save costly reagents
- Maximize accuracy and precision

Utilizing a unique manufacturing process, Axygen has developed an innovative series of pipette tips, filter tips, PCR products and microcentrifuge tubes that feature ultra smooth surfaces.



Surface comparison of polypropylene materials:

These images show a visual comparison of the Axygen MAXIMUM RECOVERY pipette tip internal surface compared to the surface of both standard polypropylene pipette tips and siliconized pipette tips. The photographs below were taken of the internal surface of sections cut from three styles of pipette tips, via SEM/EDS. Magnification levels ranged from 50x to 5,000x.

Axygen MAXIMUM RECOVERY Pipette Tips



Figures 1a (50x), 1b (500x) and 1c (5000x) are images of the Axygen MAXIMUM RECOVERY surface. Even at the highest magnification level, the ultra-smooth surface is visibly free of occlusions and cavities which can cause sample retention and sample denaturation in standard polypropylene.

Conventional Pipette Tips

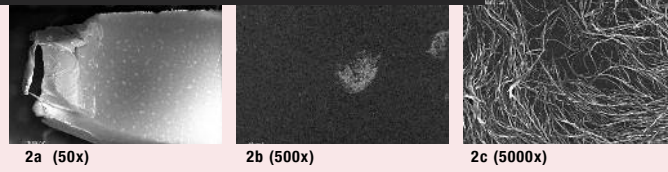


Figure 2a (50x), 2b (500x) and 2c (5000x) are images of the internal surface of a standard polypropylene pipette tip. Occlusions and cavities can be seen on the wall surface. At highest magnification, surface strands which cause samples to 'stick', are clearly visible.

Siliconized Pipette Tips

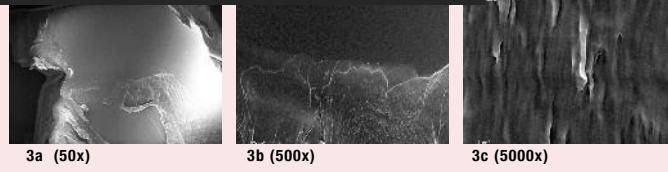


Figure 3a (50x), 3b (500x) and 3c (2000x) are images of a siliconized pipette tip. Here again, notice the lack of smoothness of the walls created by an inconsistent and uneven flow of silicone upon the surface. Sample retention occurs even with siliconized pipette tips.

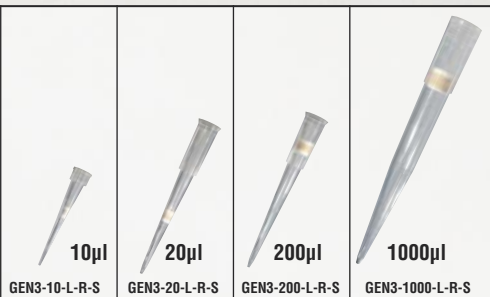
Ordering Information

All GEN3™ Multi-Barrier Tips are racked and pre-sterilized via e-beam irradiation.

	<p>10µL CAT. No. GEN3-10-L-R-S</p>		<p>PRODUCT DESCRIPTION GEN3™ 10µL Multi-Barrier Pipette Tip</p>	<p>PACKAGING QUANTITY 96 Tips/Rack, 10 Racks/Unit, 5 Units/Case</p>	
	<p>20µL CAT. No. GEN3-20-L-R-S</p>		<p>PRODUCT DESCRIPTION GEN3™ 20µL Multi-Barrier Pipette Tip</p>	<p>PACKAGING QUANTITY 96 Tips/Rack, 10 Racks/Unit, 5 Units/Case</p>	
	<p>200µL CAT. No. GEN3-200-L-R-S</p>		<p>PRODUCT DESCRIPTION GEN3™ 200µL Multi-Barrier Pipette Tip</p>	<p>PACKAGING QUANTITY 96 Tips/Rack, 10 Racks/Unit, 5 Units/Case</p>	
	<p>1000µL CAT. No. GEN3-1000-L-R-S</p>		<p>PRODUCT DESCRIPTION GEN3™ 1000µL Multi-Barrier Pipette Tip</p>	<p>PACKAGING QUANTITY 100 Tips/Rack, 10 Racks/Unit, 5 Units/Case</p>	



Pipette Tip Selection Guide



		10µl GEN3-10-L-R-S	20µl GEN3-20-L-R-S	200µl GEN3-200-L-R-S	1000µl GEN3-1000-L-R-S
Axygen Axyjet Single Channel	0.1-2µl				
Axygen Axyjet Single Channel	0.5-10µl				
Axygen Axyjet Single Channel	2-20µl				
Axygen Axyjet Single Channel	5-50µl				
Axygen Axyjet Single Channel	10-100µl				
Axygen Axyjet Single Channel	20-200µl				
Axygen Axyjet Single Channel	100-1000µl				
Axygen Axyjet Multi Channel	1-10µl				
Axygen Axyjet Multi Channel	5-50µl				
Axygen Axyjet Multi Channel	20-200µl				
Biohit Proline Single Channel	0.2-10µl				
Biohit Proline Single Channel	5-100µl				
Biohit Proline Single Channel	10-500µl				
Biohit Proline Single Channel	50-1000µl				
Biohit Proline Multi Channel	0.2-10µl				
Biohit Proline Multi Channel	5-100µl				
Biohit e-Line Single Channel	0.2-10µl				
Biohit e-Line Single Channel	5-120µl				
Biohit e-Line Single Channel	50-1000µl				
Biohit e-Line Multi Channel	0.2-10µl				
Biohit e-Line Multi Channel	5-120µl				
Biohit m-Line Single Channel	0.5-10µl				
Biohit m-Line Single Channel	2-20µl				
Biohit m-Line Single Channel	10-100µl				
Biohit m-Line Single Channel	20-200µl				
Biohit m-Line Single Channel	100-1000µl				
Biohit m-Line Multi Channel	0.5-10µl				
Biohit m-Line Multi Channel	5-100µl				
Eppendorf Electronic	0.5-10µl				
Eppendorf Electronic	2-200µl				
Eppendorf Electronic	50-1000µl				
Eppendorf Reference	0.1-10µl				
Eppendorf Reference	2-20µl				
Eppendorf Reference	20-200µl				
Eppendorf Reference	100-1000µl				
Eppendorf Research Single Channel	0.5-10µl				
Eppendorf Research Single Channel	2-20µl				
Eppendorf Research Single Channel	20-200µl				
Eppendorf Research Single Channel	100-1000µl				
Eppendorf Research Multi Channel	0.5-10µl				
Finnpipette Single Channel	0.2-10µl				
Finnpipette Single Channel	0.5-10µl				
Finnpipette Single Channel	40-200µl				
Finnpipette Single Channel	100-1000µl				
Finnpipette Single Channel	200-1000µl				
Gilson Pipetman Single Channel	P2, 0.1-2µl				
Gilson Pipetman Single Channel	P10, 0.2-10µl				
Gilson Pipetman Single Channel	P20, 2-20µl				
Gilson Pipetman Single Channel	P100, 10-100µl				
Gilson Pipetman Single Channel	P200, 20-200µl				
Gilson Pipetman Single Channel	P1000, 100-1000µl				
Gilson Multi	P200-M8, 20-200µl				
Rainin EDP3 Single Channel	E-MIC-10, 0.5-10µl				
Rainin EDP3 Single Channel	E2-1000, 100-1000µl				
Rainin Multi Channel	EP-M8-10, 0.5-10µl				
Rainin Latch Mode	R2, 0.1-2µl				
Rainin Latch Mode	R10, 0.2-10µl				
Rainin Latch Mode	R20, 2-20µl				
Rainin Latch Mode	R200, 20-200µl				
Rainin Latch Mode	R1000, 100-1000µl				

Genuine
AXYGEN
Quality

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- BOLIVIA
- BRAZIL
- CANADA
- CHILE
- CHINA
- COLUMBIA
- CYPRUS
- CZECH REPUBLIC
- DENMARK
- DOMINICAN REPUBLIC
- EGYPT
- EL SALVADOR
- ECUADOR
- ESTONIA
- FINLAND
- FRANCE
- GERMANY
- GREECE
- GUATEMALA
- HONG KONG
- HUNGARY
- ICELAND
- INDIA
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- MALAYSIA
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- NEW ZEALAND
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- PERU
- PHILIPPINES
- POLAND
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- SLOVAKIA
- SOUTH AFRICA
- SPAIN
- SRI LANKA
- SWEDEN
- SWITZERLAND
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