

The Perfect Fit – Eppendorf Pipette Tips

With respect to material, fit, design and operating forces, our pipette tips set standards. The close environment of each sample should be adapted to its specific quality and purity needs. This can involve a specific purity level or the absence of certain substances, but also stability, reliability of quality standard or geometry. Our epT.I.P.S. – Eppendorf Totally Integrated Pipetting System – have been developed to work in perfect combination with our pipettes. This results in reduced tip attachment and ejection forces while maintaining a complete seal between tip and pipette.

In the Eppendorf owned production facilities in the north of Germany, we can maintain the high standards in the selection and processing of plastic materials. Ideal wetting properties, high transparency, and special certified purity levels are the visible expression of this production philosophy.

Sustainability is playing an increasingly important role also in the laboratory. This is why Eppendorf searched for more sustainable manufacturing materials in order to conserve resources and offers now also pipette tips made of bio-based polypropylene providing the same premium quality and purity our customers need for their experiments. For those parts, which do not come into direct contact with the sample, disposable Racks, we have begun to manufacture the undersides from “Post Consumer Recyclate” of industrial origin, obtained exclusively from leftover materials arising during the contact lens manufacturing process. This pure PP recyclate has identical properties in terms of stability and safety as the previously used virgin PP: Purity and sterility of pipette tips are not compromised in any way.

How to reduce laboratory waste volume by choosing the right packaging format. Depending on their purity grade, epT.I.P.S. pipette tips and ep Dualfilter T.I.P.S. filter pipette tips are available in a number of different packaging formats.

It is precisely the different forms of packaging that generate large proportions of laboratory waste. This can be remedied by optimizing the packaging with regard to the type of use, but also by reducing the amount of manufacturing material required.

Our challenge in developing the new epT.I.P.S. packaging design

For special applications that require a high degree of integrity and purity, there is no alternative to the disposable packaging form. But our disposable racks also had potential for plastic savings. We were able to save up to 30 % polypropylene (PP) in the production of the epT.I.P.S. and ep Dualfilter T.I.P.S. Racks for pre-sterilized pipette tips. Additionally we designed a new reload variant for pre-sterilized pipette tips like epT.I.P.S. BioBased Biopur and ep Dualfilter T.I.P.S. BioBased to be used with our well-known epT.I.P.S. Boxes 2.0. Where possible this new form of packaging is the more sustainable and plastic-saving alternative to disposable racks while maintaining sterility and purity. Up to 54 % polypropylene (PP) is saved and at the same time the waste volume generated in the laboratory is reduced by about 30%.

Depending on their purity grade, epT.I.P.S. pipette tips from Eppendorf are available in a number of different packaging formats:



epT.I.P.S.® Reloads

- > Reduced waste as compared with disposable racks
- > The refill trays can be autoclaved up to 121 °C, in packaging and without foil, for subsequent use
- > The refill system, depending on tip size, is packaged as either dual-sided or in stack form



epT.I.P.S.® BioBased Sterile Reloads

- > available for epT.I.P.S.® BioBased Biopur®, ep Dualfilter T.I.P.S.® BioBased PCR clean/Sterile, ep Dualfilter T.I.P.S.® SealMax® Biopur®
- > Less waste – reduce your waste volume up to 30 % compared to disposable racks
- > Less raw material – reduced CO₂ by up to 54 % less raw material compared to disposable racks

Get all the details of our pipette tips portfolio!
Explore the eshop and get an overview!

www.eppendorf.link/tips





epT.I.P.S.® Box 2.0/epT.I.P.S.® Set

- > Contamination-free transfer of Reloads to stable working box
- > System optimized for use with multi-channel pipettes
- > Color-coded trays for simple identification of tips and pipette



epT.I.P.S.® Racks

- > Eppendorf Biopur® pipette tips in disposable Racks, the Rack body of which is made from "single-source" intra-type collection PP recycle, have our highest degree of biological purity.
- > Ensured PCR clean, sterile, pyrogen-, ATP- and DNA-free
- > All pre-sterilized epT.I.P.S. and ep Dualfilter T.I.P.S. variants are available in Racks whose body is made of 100% recycled0



epT.I.P.S.® Singles

- > Eppendorf Biopur pipette tip, individually wrapped
- > Ensured PCR clean, sterile, pyrogen-, ATP- and DNA-free
- > For use in pharmaceutical and food industry research, molecular biology and cell technology



epT.I.P.S.® Standard

- > Original, high-quality Eppendorf pipette tips in resealable bags, also available as epT.I.P.S. Standard BioBased
- > Available in sizes from 10 µL to 10 mL in Eppendorf Quality purity grade
- > epT.I.P.S. Standard 200 µL, 300 µL and 1,000 µL tips are also available color-coded yellow and blue





Eppendorf Purity Grades for Tips

epT.I.P.S.[®], ep Dualfilter T.I.P.S.[®] and ep Dualfilter T.I.P.S.[®] SealMax[®] stand for our highest quality and purity

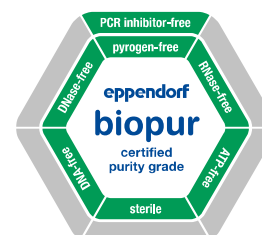
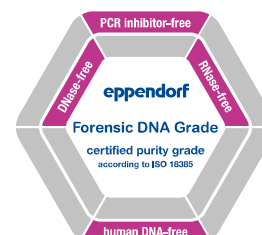
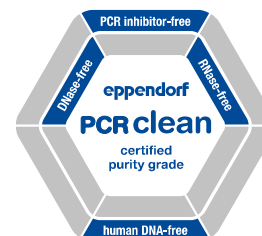
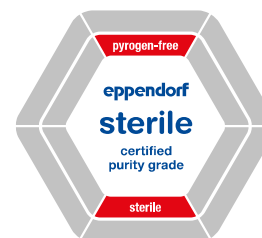
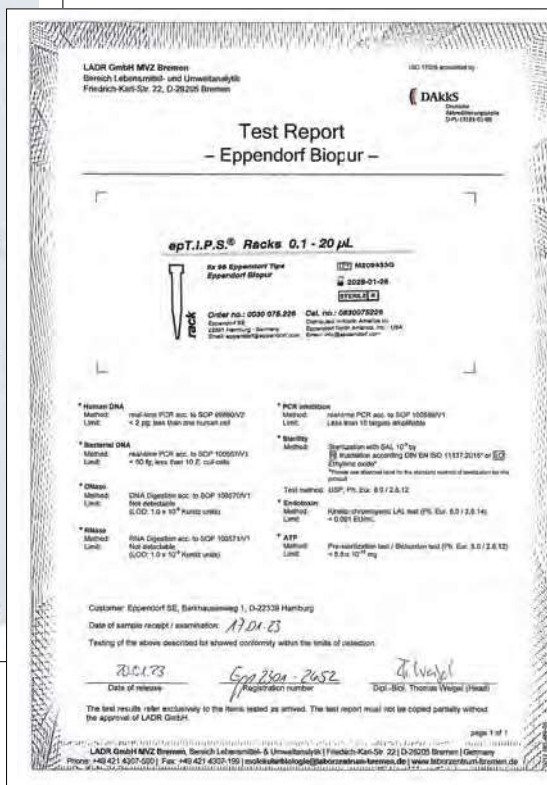
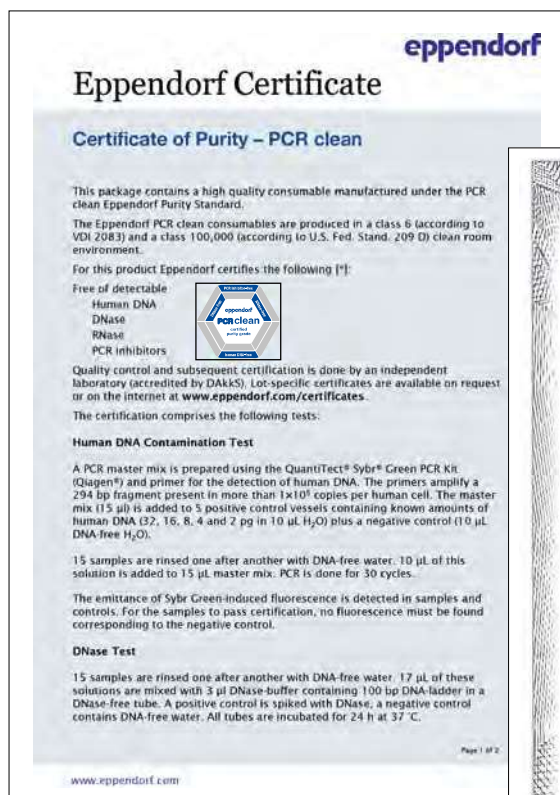
The high precision and accuracy of pipette tips and filter pipette tips is ensured by precise molding. Each lot of our pipette tips is subject to gravimetric measurement during final testing. Low wetting ensures reliable volume readings and minimal adhesion. Pipette tips made of PP (polypropylene). A relatively inert plastic characterized by low wettability as well as high dimensional and mechanical stability across a wide temperature range.

Our tips are available in a variety of purity grades

(See [purity grades table on page 49](#)).

Pure Quality at Eppendorf

www.eppendorf.link/purity





Pure quality

With the strictest control criteria, internally and externally monitored, we ensure the consistent high quality of our products – from lot to lot. Our consumables are available in a variety of purity qualities. Eppendorf Quality as well as more advanced purity grades:

“Sterile, Protein-free, PCR clean, Eppendorf Forensic DNA Grade, and Biopur®”. In addition to our internal process controls and general quality certificates, lot-specific certificates are provided by an external accredited laboratory for the Sterile, Protein-free, PCR clean, Eppendorf Forensic DNA Grade, and Biopur purity grades. This allows us to consistently meet our customer’s high demands when it comes to purity (www.eppendorf.link/purity). As a special service, we make the inspection certificate for each delivered lot available online (www.eppendorf.link/certificates).



www.eppendorf.link/PG_Guide

Purity grades						
Eppendorf purity grades for tips	Eppendorf Quality	Eppendorf Sterile	Eppendorf PCR clean	Eppendorf PCR clean/Sterile	Eppendorf Forensic DNA Grade ³⁾	Biopur®
Continuous quality control for the following relevant criteria:						
Function, tightness, precision	■	■	■	■	■	■
Low wetting	■	■	■	■	■	■
High chemical resistance	■	■	■	■	■	■
High thermal resistance	■	■	■	■	■	■
High transparency	■	■	■	■	■	■
Precisely shaped	■	■	■	■	■	■
Lot-specific certified¹⁾ for the following purity criteria:						
Pyrogen-free ⁴⁾ (endotoxin-free)		■		■		■
Sterile (Ph.Eur./USP)		■		■		■
DNA-free ⁴⁾ (Human DNA)			■	■	■	■
DNA-free ⁴⁾ (Bacteria DNA)						■
DNase-free ⁴⁾			■	■	■	■
RNase-free ⁴⁾			■	■	■	■
PCR-inhibitor-free ⁴⁾			■	■	■	■
ATP-free ⁴⁾						■
Eppendorf tips						
epT.I.P.S.® Standard, Box and Set	■					
epT.I.P.S.® Reloads	■		■			
epT.I.P.S.® BioBased Reloads						■
epT.I.P.S.® Racks		■ ²⁾				■
epT.I.P.S.® Singles						■
epT.I.P.S.® 384 Reload and Set	■		■			
ep Dualfilter T.I.P.S.®				■	■	
ep Dualfilter T.I.P.S.® BioBased				■		
ep Dualfilter T.I.P.S.® 384 Rack				■		
ep Dualfilter T.I.P.S.® SealMax®				■		
ep Dualfilter T.I.P.S.® SealMax® BioBased						■
Combitips advanced®	■	■ ²⁾	■		■	■
ViscoTip®	■					
epT.I.P.S.® Motion	■	■				
epT.I.P.S.® Motion filtertips			■	■		

¹⁾ Lot-specific certificate can be downloaded from www.eppendorf.com/certificates. ²⁾ Only available in North America. ³⁾ According to ISO 18385. ⁴⁾ Testing showed conformity within the detection limits



epT.I.P.S.®

Description

epT.I.P.S. pipette tips – Eppendorf Totally Integrated Pipetting System – the perfect combination with Eppendorf pipettes, resulting in reduced-force tip attachment and ejection with complete sealing.



Product features

- > New: epT.I.P.S.® BioBased Biopur® - made of bio-based PP - available in the new Reload Variant for pre-sterilized pipette tips and as epT.I.P.S. Standard BioBased Eppendorf Quality in resealable bags - help to reduce the usage of fossil oil-based manufacturing material, reduce the CO₂ footprint of your lab
- > New Reload variant for pre-sterilized pipette tips reduces the use of plastic up to 54 % and the plastic waste up to 30 % compared to our disposable Racks
- > Disposable Racks with body made from single-source intra-type collection PP recycleate, reclosable, optimized for safe stacking, in sterile packaging in accordance with DIN EN ISO 11607-1 and 2 and DIN EN 868-2 to 10

Applications

- > Pipetting liquids
- > Dispensing liquids
- > Mixing liquids
- > Filling plates and reaction vessels
- > Filling gels for electrophoresis
- > Phase extraction and removal of supernatants
- > For applications in 384-microplate format we recommend using 16- or 24-channel pipettes together with epT.I.P.S. 384

epT.I.P.S.® Box 2.0 for epT.I.P.S.® Reloads



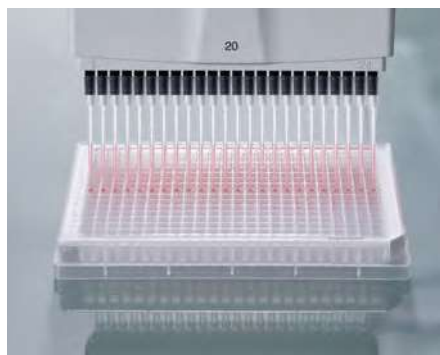
Product features

- > epT.I.P.S.® Box 2.0 – empty reusable boxes for tip volumes of 10 µL - 5 mL
- > epT.I.P.S.® Box 2.0 – all three sizes are available in Eppendorf Quality
- > Autoclavable at 121 °C (20 min.) for subsequent use

Ordering information	
Description	Order no.
epT.I.P.S.® Box 2.0 for epT.I.P.S.® Reloads, empty box, does not include tips	
Eppendorf Quality, 10 – 300 µL	0030076249
Eppendorf Quality, 1,000 – 1,250 µL	0030076257
Eppendorf Quality, 1,250 µL L – 5 mL	0030076265



epT.I.P.S.® 384



epT.I.P.S. 384 pipette tips with innovative SOFTattach technology for 16- and 24-channel as well as adjustable tip spacing pipettes

epT.I.P.S. 384 micropipette tips with the innovative SOFTattach technology are optimized for use with Eppendorf Research® plus and Xplorer® plus 16- and 24-channel pipettes, as well as 20 µL and 100 µL Move It® adjustable tip spacing pipettes. Process 384-well plates manually with the highest level of tip tightness and alignment but extremely low operating forces.

Product features

- > epT.I.P.S. 384 pipette tips build a system together with the Research plus and Xplorer plus 16- and 24-channel pipettes as well as 20 µL and 100 µL Move It adjustable tip spacing pipettes for utmost safety and reliability
- > Designed for a cone distance of 4.5 mm
- > Innovative SOFTattach technology allows for reliable tip fit and tightness



The elastic forming grooves

As soon as the tips are attached, they adapt perfectly to the shape of the tip cone. This SOFTattach technology allows the user to achieve perfect tip tightness and safety.

ep Dualfilter T.I.P.S.® 384



Description

ep Dualfilter T.I.P.S. 384 with the innovative SOFTattach technology are optimally coordinated to the Eppendorf 16- and 24-channel pipettes Research plus and Xplorer plus, as well as 20 µL and 100 µL Move It adjustable tip spacing pipettes. Process 384-well plates manually with highest level of filter pipette tip tightness and coaxiality but extraordinary low operating forces.

Product features

- > ep Dualfilter T.I.P.S. 384 pipette tips build a system together with the Research plus and Xplorer plus 16- and 24-channel pipettes as well as 20 µL and 100 µL Move It adjustable tip spacing pipettes for utmost safety and reliability
- > Innovative SOFTattach technology allows for reliable tip fit and tightness while operating forces are reduced to a minimum
- > Fill a whole 384-well plate without loosening pipette tips

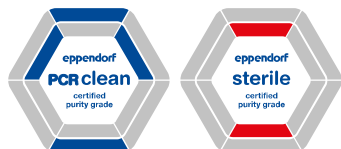
An extraordinary tip alignment

All tips are perfectly aligned, making it easy and safe to transfer up to 24 samples simultaneously to the 384-well plate.





ep Dualfilter T.I.P.S.®



Description

ep Dualfilter T.I.P.S. Filter Tips - The ultimate protection of pipette and sample against unintentional and unnoticed contamination by aerosols, drops and splashes.

Product features

- > Dual protection against aerosols¹⁾ and biomolecules
- > Dual protection for pipette and sample
- > Free of PCR inhibitor additives

The unmistakable blue and white filter layers are made of flexible, hydrophobic material to fit perfectly in the tip cone and retain practically 100 % of all aerosols¹⁾ and biomolecules. This unique filtering effect is achieved using various well-defined pore sizes in the two filter layers.

¹⁾ An aerosol is a colloid of fine solid particles or liquid droplets, in air or another gas.

ep Dualfilter T.I.P.S.® SealMax®



Description

ep Dualfilter T.I.P.S. SealMax Self-Sealing Filter Tips - The combination of the well known unique two-phase filter protection of sample and pipette with an innovative liquid and moisture barrier.

Product features

- > Reliable protection from liquids, aerosols¹⁾ and biomolecules
- > Certificate of filter efficiency of class ISO 25 E in accordance with DIN EN ISO 29463-5 available here
- > No PCR inhibiting additives

¹⁾ An aerosol is a colloid of fine solid particles or liquid droplets, in air or another gas.



epT.I.P.S.® Long



Description

epT.I.P.S. PipetteTips – Eppendorf Totally Integrated Pipetting System - the perfect combination with Eppendorf pipettes, resulting in reduced-force tip attachment and ejection with complete sealing.

Product features

- > Slim design of the extra long epT.I.P.S. and ep Dualfilter T.I.P.S. pipette tips
- > Always obtain high-quality results when pipetting from and into Eppendorf Tubes® 5.0 mL, conical tubes, cell culture flasks, deep wells and other deep vessels
- > The risk of touching the walls of deep vessels is minimized and risk of cross-contamination is minimized






















Watch this video!



www.eppendorf.link/eptips-video



Manual Liquid Handling

				 Guide 
Volume range/epT.I.P.S.®	Standard/Bulk	Reloads	Reloads	Box
 dark gray	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
0.1 – 10 µL, 34 mm	0030000811	0030073371	0030073754	0030076125
	0030080033 BioBased New			
 medium gray	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
0.1 – 20 µL, 40 mm	0030000838	0030073398	0030073770	0030076133
	0030080041 BioBased New			
 light gray	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
0.5 – 20 µL, 46 mm	0030000854	0030073410	0030073797	0030076141
	0030080050 BioBased New			
 yellow	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
2 – 200 µL, 53 mm	0030000889	0030073436	0030073819	0030076150
	0030080068 BioBased New 0030000870 yellow tips			
 orange	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
20 – 300 µL, 55 mm	0030000900	0030073452	0030073835	0030076168
	0030080076 BioBased New 0030000897 yellow tips			
 blue	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
50 – 1,000 µL, 71 mm	0030000927	0030073479	0030073851	0030076176
	0030080084 BioBased New 0030000919 blue tips			
 green	1,000 tips (2 bags × 500 tips)	960 tips (10 trays × 96 tips)	960 tips (10 trays × 96 tips)	1 reusable box × 96 tips
50 – 1,250 µL, 76 mm	0030000935	0030073495	0030073878	0030076184
	0030080092 BioBased New			



Guide



Manual Liquid Handling

Set

480 tips (5 trays × 96 tips),
1 reusable box

0030076290

Singles

100 tips, individually packed

0030010027

Racks

480 tips (5 racks × 96 tips)

0030075226

Reloads

480 tips (5 trays × 96 tips)

0030075420 BioBased

480 tips (5 trays × 96 tips),
1 reusable box

0030076311

480 tips (5 trays × 96 tips),
1 reusable box

0030076320

100 tips, individually packed

0030010043

480 tips (5 racks × 96 tips)

0030075234

480 tips (5 trays × 96 tips)

0030075439 BioBased

480 tips (5 trays × 96 tips),
1 reusable box

0030076338

480 tips (5 racks × 96 tips)

0030075242

480 tips (5 trays × 96 tips)

0030075447 BioBased

480 tips (5 trays × 96 tips),
1 reusable box

0030076346

100 tips, individually packed

0030010060

480 tips (5 racks × 96 tips)

0030075250

480 tips (5 trays × 96 tips)

0030075455 BioBased

480 tips (5 trays × 96 tips),
1 reusable box

0030076354

480 tips (5 racks × 96 tips)

0030075269

480 tips (5 trays × 96 tips)

0030075463 BioBased

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Manual Liquid Handling

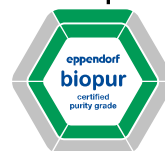
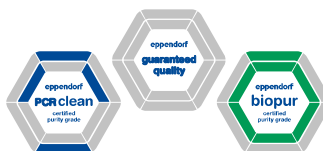
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<div><div><div>eppendorf guaranteed quality</div></div><div><div>eppendorf guaranteed quality</div></div><div><div>eppendorf PCR clean certified purity grade</div></div></div>			
Volume range/epT.I.P.S.®	Standard/Bulk	Reloads	Reloads
<div><div></div> dark green</div> <div>50 – 1,250 µL L, 103 mm</div>	<div>1,000 tips (4 bags × 250 tips)</div> <div>0030000730</div> <div>0030080106 BioBased</div>	<div>960 tips (10 trays × 96 tips)</div> <div>0030073630</div>	<div>960 tips (10 trays × 96 tips)</div> <div>0030073649</div>
<div><div></div></div>			
<div><div></div> red</div> <div>0.1 – 2.5 mL, 115 mm</div>	<div>500 tips (5 bags × 100 tips)</div> <div>0030000951</div> <div>0030080114 BioBased</div>	<div>480 tips (10 trays × 48 tips)</div> <div>0030073517</div>	<div>480 tips (10 trays × 48 tips)</div> <div>0030073894</div>
<div><div></div></div>			
<div><div></div> violet</div> <div>0.1 – 5 mL, 120 mm</div>	<div>500 tips (5 bags × 100 tips)</div> <div>0030000978</div> <div>0030080122 BioBased</div>		
<div><div></div></div>			
<div><div></div> violet</div> <div>0.2 – 5 mL L, 175 mm</div>	<div>300 tips (3 bags × 100 tips)</div> <div>0030000650</div> <div>0030080130 BioBased</div>		
<div><div></div></div>			
<div><div></div> turquoise</div> <div>0.5 – 10 mL, 165 mm</div>	<div>200 tips (2 bags × 100 tips)</div> <div>0030000765</div>		
<div><div></div></div>			
<div><div></div> turquoise</div> <div>0.5 – 10 mL L, 243 mm</div>	<div>200 tips (2 bags × 100 tips)</div> <div>0030000781</div>		
<div><div></div></div>			

(Image reduced size)

Manual Liquid Handling



Guide



Box

1 reusable box × 96 tips

0030076192

Set

Racks

480 tips (5 racks × 96 tips)

0030075277 Biopur®

Reloads

480 tips (5 trays × 96 tips)

0030075471 BioBased

1 reusable box × 48 tips

0030076206

240 tips (5 trays × 48 tips),
1 reusable box

0030076362

240 tips (5 racks × 48 tips)

0030075285 Biopur®

1 reusable box × 24 tips

0030076214

120 tips (5 racks × 24 tips)

0030075293 Biopur®

0030071638 Eppendorf Quality

0030071662 PCR clean

120 tips (5 racks × 24 tips)

0030075307 Biopur®

0030071646 Eppendorf Quality





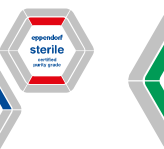










120 tips (5 racks × 24 tips)

0030075315 Biopur®

0030071654 Eppendorf Quality

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Manual Liquid Handling

Volume range/ ep Dualfilter T.I.P.S.®/ ep Dualfilter T.I.P.S.® SealMax®		     					
		Racks		Reloads			
 dark gray	0.1 – 10 µL S, 34 mm	960 tips (10 racks × 96 tips)	0030078500	0030078691 SealMax	960 tips (10 trays × 96 tips)	0030081021 BioBased	
 medium gray	0.1 – 10 µL M, 40 mm	960 tips (10 racks × 96 tips)	0030078519		0030078810	0030081030 BioBased	
 light gray	0.5 – 20 µL L, 46 mm	960 tips (10 racks × 96 tips)	0030078527	0030078705 SealMax		0030081048 BioBased	0030081234 SealMax BioBased
 yellow	2 – 20 µL, 53 mm	960 tips (10 racks × 96 tips)	0030078535		0030078829	0030081056 BioBased	
 yellow	2 – 100 µL, 53 mm	960 tips (10 racks × 96 tips)	0030078543	0030078713 SealMax		0030081064 BioBased	0030081242 SealMax BioBased
 yellow	2 – 200 µL, 55 mm	960 tips (10 racks × 96 tips)	0030078551	0030078721 SealMax	0030078837	0030081072 BioBased	0030081250 SealMax BioBased
 orange	20 – 300 µL, 55 mm	960 tips (10 racks × 96 tips)	0030078560	0030078730 SealMax		0030081080 BioBased	0030081269 SealMax BioBased
 blue	50 – 1,000 µL, 76 mm	960 tips (10 racks × 96 tips)	0030078578	0030078748 SealMax	0030078845	0030081099 BioBased	0030081277 SealMax BioBased
 dark green	50 – 1,250 µL L, 103 mm	480 tips (5 racks × 96 tips)	0030078594			0030081102 BioBased	


Volume range/ ep Dualfilter T.I.P.S.®

red

0.25 – 2.5 mL, 115 mm

Racks

240 tips (5 racks × 48 tips)

0030078586



violet

0.1 – 5 mL, 120 mm

120 tips (5 racks × 24 tips)

0030078616



violet

0.2 – 5 mL L, 175 mm

120 tips (5 racks × 24 tips)

0030078624



turquoise

0.5 – 10 mL L, 243 mm

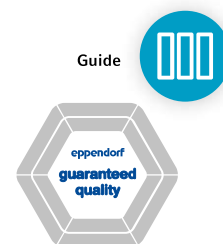
100 tips, individually packed

0030077598





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Tips for 384-Well Pipetting Solutions

Volume range/epT.I.P.S.® 384	Reloads	Reloads	Set
<div>light pink</div> <div>0.1 – 20 µL, 42 mm</div> 	<div>3,840 tips (10 trays × 384 tips)</div> <div>0030076001</div>	<div>3,840 tips (10 trays × 384 tips)</div> <div>0030076044</div>	<div>1,920 tips (5 trays × 384 tips), 1 reusable box</div> <div>0030076273</div>
<div>light yellow</div> <div>5 – 100 µL, 53 mm</div> 	<div>3,840 tips (10 trays × 384 tips)</div> <div>0030076010</div>	<div>3,840 tips (10 trays × 384 tips)</div> <div>0030076052</div>	<div>1,920 tips (5 trays × 384 tips), 1 reusable box</div> <div>0030076281</div>

Combination of Pipette Tips and Pipettes

Eppendorf Research® plus/ Eppendorf Research® plus Move It®	0.1 – 10 µL, dark gray	0.1 – 10 µL M, medium gray	0.1 – 20 µL, medium gray	0.5 – 20 µL L, light gray	0.1 – 20 µL, light pink	5 – 100 µL, light yellow	2 – 20 µL, yellow	2 – 100 µL, yellow	2 – 200 µL, yellow
epT.I.P.S.®	■		■	■	■				■
ep Dualfilter T.I.P.S.®	■	■		■	■	■	■	■	■
ep Dualfilter T.I.P.S.® SealMax®	■			■				■	■
Fixed volume, single-channel pipettes									
10 µL	■ ●	■	■	●					
20 µL	■		●	■					
10 µL	■						■	■	■
20 µL	■						■	■	■
25 µL/50 µL/100 µL	■							■	■
200 µL	■								■
200 µL/250 µL/500 µL/1,000 µL	■								
Variable volume, single-, 8- and 12-channel pipettes									
0.1 – 2.5 µL	■ ■	●	●						
0.5 – 10 µL	■ ●	■	■	●					
2 – 20 µL	■ ◆	◆	●	■					
2 – 20 µL	■						■	■	■
10 – 100 µL	■						◆	■	■
20 – 200 µL	■						◆	◆	■
30 – 300 µL	■						◆	◆	◆
100 – 1,000 µL	■								
120 – 1,200 µL	■								
0.25 – 2.5 mL	■								
0.5 – 5 mL	■								
1 – 10 mL	■								
Variable volume, 16- and 24-channel pipettes									
1 – 20 µL	■				■				
5 – 100 µL	■					■			
Move It®, variable volume, 4-, 6-, 8- and 12-channel pipettes									
1 – 20 µL	■				■				
5 – 100 µL	■					■			
30 – 300 µL	■						◆	◆	◆
120 – 1,200 µL	■								

■ Test tip (other tips may require adjustment) ● Full volume range ◆ Limited volume range



Volume range/ep Dualfilter T.I.P.S.® 384

light pink

0.1 – 20 µL, 42 mm



Racks

3,840 tips (10 racks × 384 tips)

0030078853

light yellow

5 – 100 µL, 53 mm



3,840 tips (10 racks × 384 tips)

0030078861

20 – 300 µL, orange	50 – 1,000 µL, blue	50 – 1,250 µL, green	50 – 1,250 µL L, dark green	0.25 – 2.5 mL, red	0.1 – 5 mL, violet	0.2 – 5 mL L, violet	0.5 – 10 mL, turquoise	0.5 – 10 mL L, turquoise
■	■	■	■	■	■	■	■	■
■	■		■	■	■	■	■	■
■	■							
●								
●								
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	■	●	●					
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	■	●	●					
		●	■					
				■				
					■			
						●		
							■	
								●
■								
		●	■					



Manual Liquid Handling

Guide



Eppendorf Reference® 2	0.1 – 10 µL, dark gray	0.1 – 10 µL M, medium gray	0.1 – 20 µL, medium gray	0.5 – 20 µL L, light gray	2 – 20 µL, yellow	2 – 100 µL, yellow	2 – 200 µL, yellow	20 – 300 µL, orange
epT.I.P.S.®	■		■	■			■	■
ep Dualfilter T.I.P.S.®	■	■		■	■	■	■	■
ep Dualfilter T.I.P.S.® SealMax®	■			■		■	■	■
Fixed volume, single-channel pipettes								
1 µL/2 µL	■	●	●					
5 µL/10 µL	■	■	■	●				
20 µL	■		●	■				
10 µL	■				■	■	■	●
20 µL	■				■	■	■	●
25 µL/50 µL/100 µL	■					■	■	●
200 µL	■						■	●
200 µL/250 µL/500 µL/1,000 µL	■							
2 mL/2.5 mL	■							
Variable volume, single-, 8- and 12-channel pipettes								
0.1 – 2.5 µL	■	●	●					
0.5 – 10 µL	■	■	■	●				
2 – 20 µL	■	◆	●	■				
2 – 20 µL	■				◆	◆	■	●
10 – 100 µL	■				◆	■	■	●
20 – 200 µL	■				■	■	■	●
30 – 300 µL	■				◆	◆	◆	■
100 – 1,000 µL	■							
0.25 – 2.5 mL	■							
0.5 – 5 mL	■							
1 – 10 mL	■							

■ Test tip (other tips may require adjustment) ● Full volume range ◆ Limited volume range

Eppendorf Xplorer®/ Eppendorf Xplorer® plus/ Eppendorf Xplorer® plus Move It®	0.1 – 10 µL, dark gray	0.1 – 10 µL M, medium gray	0.1 – 20 µL, medium gray	0.5 – 20 µL L, light gray	0.1 – 20 µL, light pink	5 – 100 µL, light yellow	2 – 20 µL, yellow	2 – 100 µL, yellow	2 – 200 µL, yellow
epT.I.P.S.®	■		■	■	■				■
ep Dualfilter T.I.P.S.®	■			■				■	■
ep Dualfilter T.I.P.S.® SealMax®	■			■				■	■
Variable volume, single-, 8- and 12-channel pipettes									
0.5 – 10 µL	■ ●	■	■	●					
1 – 20 µL	■ ◆	◆	●	■					
5 – 100 µL	■						◆	■	■
10 – 200 µL	■						◆	◆	■
15 – 300 µL	■						◆	◆	◆
50 – 1,000 µL	■								
50 – 1,200 µL	■								
0.1 – 2.5 mL	■								
0.2 – 5 mL	■								
0.5 – 10 mL	■								
Variable volume, 16- and 24-channel pipettes									
1 – 20 µL	■				■				
5 – 100 µL	■					■			
Move It®, variable volume, 4-, 6-, 8- and 12-channel pipettes									
1 – 20 µL	■				■				
5 – 100 µL	■					■			
15 – 300 µL	■						◆	◆	◆
50 – 1,200 µL	■								

■ Test tip (other tips may require adjustment) ● Full volume range ◆ Limited volume range



50 – 1,000 μ L, blue	50 – 1,250 μ L, green	50 – 1,250 μ L L, dark green	0.25 – 2.5 mL, red	0.1 – 5 mL, violet	0.2 – 5 mL L, violet	0.5 – 10 mL, turquoise	0.5 – 10 mL L, turquoise
■	■	■	■	■	■	■	■
■		■	■	■	■	■	
■							
■	●	●					
			■				
■	●	●					
			■				
				■	●		
						■	●

20 – 300 µL, orange	50 – 1,000 µL, blue	50 – 1,250 µL, green	50 – 1,250 µL L, dark green	0.25 – 2.5 mL, red	0.1 – 5 mL, violet	0.2 – 5 mL L, violet	0.5 – 10 mL, turquoise	0.5 – 10 mL L, turquoise
■	■	■	■	■	■	■	■	■
■	■							
■	■							
●								
●								
■								
	■	●	●					
	◆	■	●					
				■				
					■	●		
							■	●
■								
		■	●					

