eppendorf

You Name It, We Have It

epT.I.P.S.® packaging options – for all your needs

Refilling epT.I.P.S.® Box 2.0 with new Sterile Reloads:
Contact-free transfer due to new patented TwinLid® technology.

»More Than Just a Packaging System«

When epT.I.P.S.® pipette tips were launched, it was not just a question of these tips being a perfect match to Eppendorf pipettes. The variety of the packaging system was also designed to provide suitable options for the needs of different laboratory types or applications. The heart of the system is the well-known epT.I.P.S. Box which can be refilled as needed with Reloads of different purity. This packaging system has set a standard in the pipette tip market and found many imitators.

Design
After almost 20 years, it is time to completely modernize the epT.I.P.S. brand design. In addition to renewing the shape and color scheme, features have also been optimized to offer customers even more benefits. Implemented in all variants, the new epT.I.P.S. design fits perfectly into a modern laboratory environment.

> More information: Page 8

Sustainability
With this new member of the epT.I.P.S. packaging system – and the new design of the sterile Reloads, we took the opportunity to significantly reduce plastic waste caused by the packaging of Eppendorf pipette tips.

> More information: Page 12

Usability
The disposable Racks, have become significantly slimmer and offer optimized safety for small hands, while at the same time using less plastic. The reusable Boxes have become safer to stack and the openings on the back have largely disappeared. The new Sterile Reloads also contribute to reduce storage space requirements.

> More information: Page 14

The Magician

epT.I.P.S.® Box 2.0

For e.g. non-sterile and non-critical applications

Reuse

Reusable indefinitely

The Experienced

epT.I.P.S.® Reloads

For e.g. high-throughput applications like NGS or qPCR

Reduce

Less plastic – less storage space needed

The Guardian

epT.I.P.S.® BioBased Sterile Reloads

For applications that require sterility in e.g. cell culture or microbiology or as filter tips for e.g. immunoassays

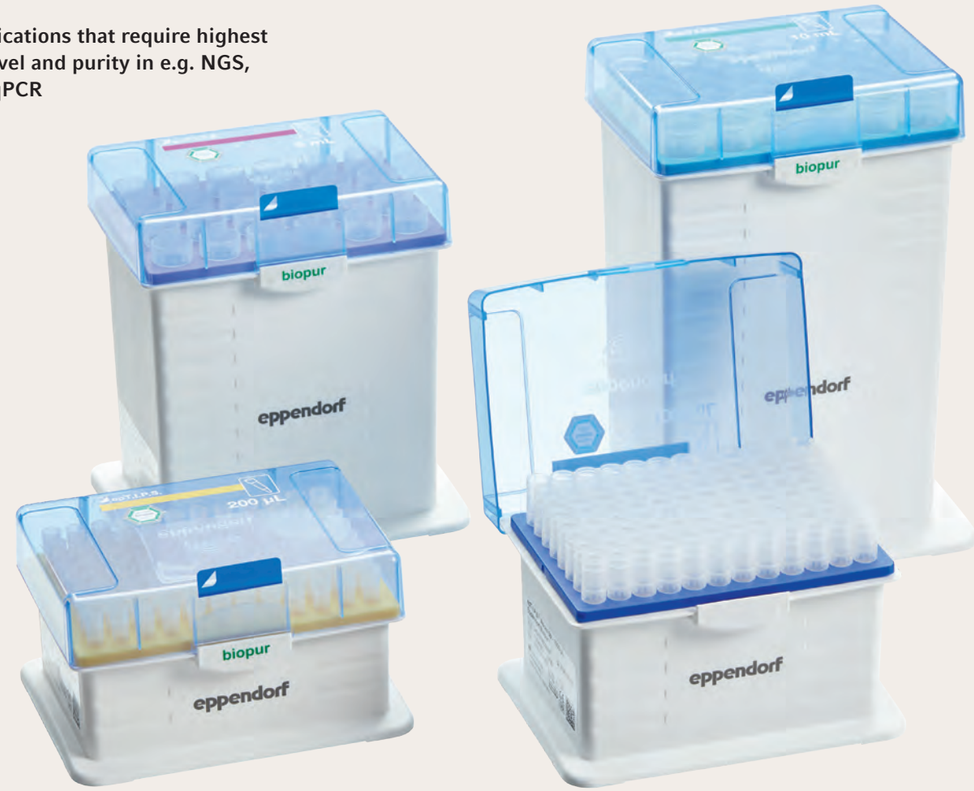
Reduce

Up to 54% less plastic compared to Racks

The Specialist

epT.I.P.S.® Racks

For applications that require highest safety level and purity in e.g. NGS, PCR or qPCR



Recycle

Virgin polypropylene – suitable for selective recycling

The Magician

epT.I.P.S.® Box 2.0

Its time to give this jewel in the epT.I.P.S. range a modern design with optimized functionalities. During nearly 20 successful years on the market, this reusable box has often been imitated but never equaled. Knowing that, it was a challenge to optimize our Box for even more benefits. Our customers drew our attention to details that we naturally could not resist optimizing. Like its predecessor, the epT.I.P.S. Box 2.0 is available in three sizes for epT.IP.S. pipette tips from 10 µL to 5 mL and guaranteed to be autoclavable up to 100 times.

What's special
> Patented »TwinLid®« technology
> Reduced contamination risk – no evaporation slots
> Improved safety through optimized stackability
> New light-touch closing button for more ergonomy
> Box 2.0 is autoclavable up to 100 times

The famous epT.I.P.S.® Box in new design
Reusable with reloads and bulk ware


Cleaning and Decontamination of the epT.I.P.S.® Box 2.0

Userguide No. 38
»Cleaning and Decontamination of the epT.I.P.S.® Box 2.0«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1 The prominent visual slots on the back of the existing Box have, for the most part, disappeared. These openings, a cause of concern for some of our customers due to the possible contamination risk to the tips inside the Box, were removed almost entirely.

2 The classic epT.I.P.S. design has been updated without eliminating traditional features such as the horizontal indentations in the Box front, the blue colored transparent lid, the Eppendorf blue of the closure button.

3 Characteristic wave designed epT.I.P.S. Box 2.0 closing button in Eppendorf Blue for »light-touch« opening and closing, with patented TwinLid® technology.

4 Oblong indentations on the sides of the Box lids ensure optimized and safe stackability. 4 small silicone feet embedded in the bottom of the Box fit exactly into the indentations of the lid.

eppendorf guaranteed quality

The epT.I.P.S. Boxes 2.0 are available in 3 different sizes in Eppendorf Quality. These variants as well as the autoclavability of the Box 2.0 enable their use with the bulk tips as well as with the pre-inserted Reload variants in Eppendorf Quality, PCR clean and the new sterile Reloads in PCR clean/Sterile and Biopur®.

Watch 3D animation about the famous epT.I.P.S.® Box:
www.eppendorf.com/3d-box

Download Userguide No. 38:
www.eppendorf.com/userguide38

The Experienced

epT.I.P.S.® Reloads (non-sterile) and Bulk

epT.I.P.S.® Reloads – since 2002
Using reusable Boxes with tips stacked in Reloads means significant waste reduction compared with single-use Racks. Our non-sterile Reload variants – either packed in stack form or dual-sided – are unchanged since market launch and can be used with our new epT.I.P.S. Box 2.0. The Reloads allow contactless, contamination-free insertion into the Box. Both variants are designed in such a way that the remaining tips in the Reload are always protected.

epT.I.P.S.® Standard
These bulk packed pipette tips are original, high-quality Eppendorf pipette tips in resealable bags. They are available in all volumes from 10 µL to 10 mL. All pipette tips are autoclavable when manually inserted into the matching Box 2.0.

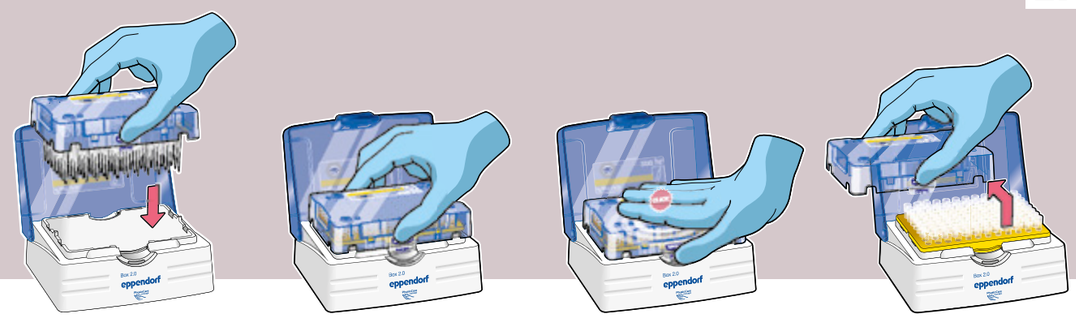
epT.I.P.S.® Reloads
Reloads are available in volumes up to 2.5 mL in two purity grades: Eppendorf Quality and PCR clean. The Reload – Box 2.0 system is optimized for use with multichannel pipettes too. Both variants can be autoclaved in advance and stored for future use or when refilled in Box 2.0.

ACT. The Environmental Impact Factor Label

Read more on page 16

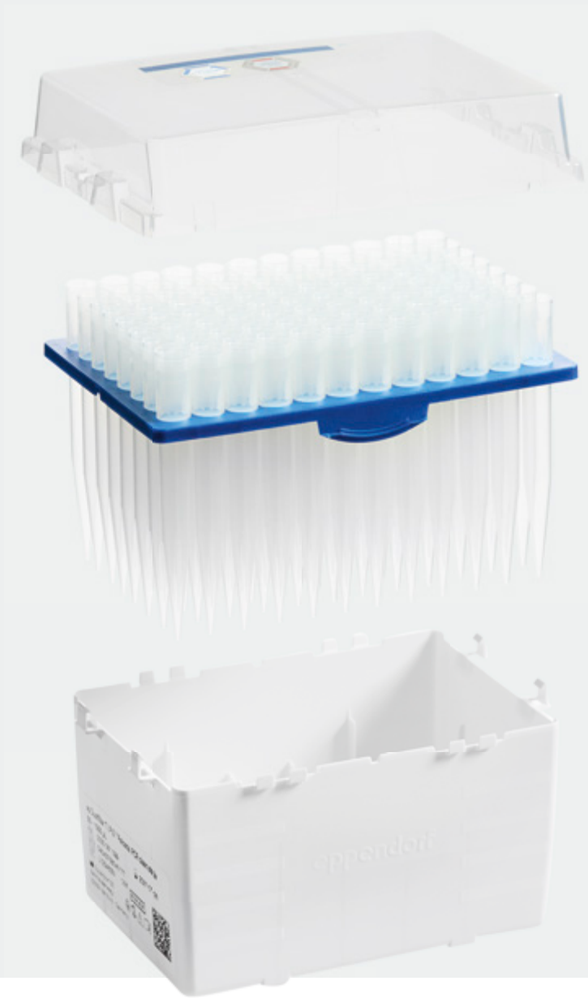
Refilling epT.I.P.S. Box 2.0 with Reloads
Four steps to transfer the Reload trays contact-free to your Box 2.0.

For more details check our **PDF »It's Your Choice«**



The Guardian

epT.I.P.S.® BioBased Sterile Reloads



Our latest resource saving contribution
Reduction of plastic and the use of fossil raw material is a common need in all laboratories worldwide. Following the »Reduce & Reuse«-principle, the new Sterile Reload from Eppendorf for the new sterile ep Dualfilter T.I.P.S. BioBased and epT.I.P.S. BioBased requires significantly less fossil-based polypropylene than corresponding disposable Racks. Thus it contributes significantly to laboratory waste reduction. New Sterile Reloads are available for tip volumes up to 1,250 µL.

Refilling epT.I.P.S.® Box 2.0 with new Sterile Reloads
> Up to 54 % less plastic compared to Racks
> Patented »TwinLid®« technology
> Safe and easy insertion of complete Reload into Box 2.0
> Sterility packaging is compliant to standards DIN EN ISO 11607 and DIN EN 868-2-10
> Scannable code on each Reload

Experience the Magic!
Bio-based, Less Plastic, Less Waste
The new epT.I.P.S.® Sterile Reload System

Safe sterility – Reduced laboratory waste
The new Sterile Reloads are available for:
> epT.I.P.S.® BioBased Reloads Biopur®
> ep Dualfilter T.I.P.S.® BioBased Reloads PCR clean/Sterile
> ep Dualfilter T.I.P.S.® SealMax® BioBased Reloads Biopur®

ISCC Plus (International Sustainability & Carbon Certification) is a global certification program for circular economy and bioeconomy. The certification enables traceability along the entire supply chain and is also applicable to products based on waste, residues and recyclable materials.

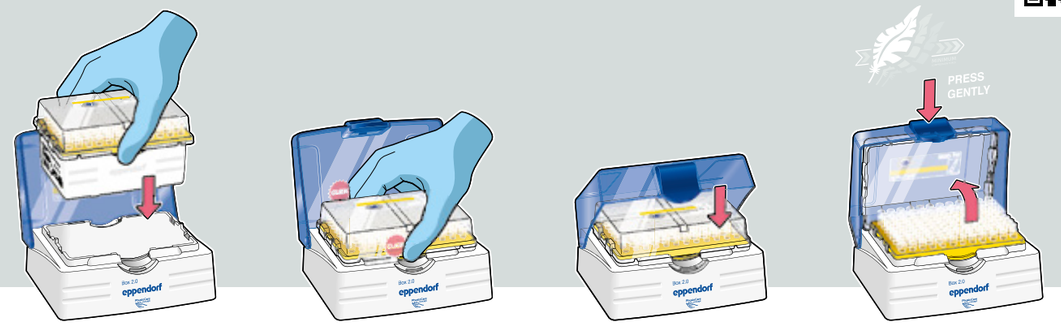
ACT. The Environmental Impact Factor Label

Read more on page 16

pyrogen-free
eppendorf sterile certified purity grade
eppendorf biopur certified purity grade
eppendorf PCR clean certified purity grade

Refilling epT.I.P.S. Box 2.0 with new Sterile Reloads
Four steps to transfer the complete Sterile Reload contact-free to your Box 2.0 while safeguarding the sterility of the tips.

For more details check our **PDF »Quick Start Guide«**



More information needed?
Click or scan to follow:
www.eppendorf.com/epTIPS-News

Watch 3D animation about
epT.I.P.S.® Sterile Reload System:
www.eppendorf.com/3d-sterile-reload

The Specialist

epT.I.P.S.® Racks

Irreplaceable! epT.I.P.S.® Racks for utmost safety requirements
There are always important reasons where working with Reloads is not a solution. But even for our disposable Racks, we found a way to reduce the amount of plastic. Our »Reduce & Reuse«-principle for the new epT.I.P.S. design made it possible to save up to 35 % polypropylene compared to predecessor Racks for pipette tips. This new design combines significantly less raw material consumption and thus corresponding waste reduction with optimized functionality. In addition, significantly improved handling benefits for the user could be achieved.

Tip and tray quality remain unchanged
> Slim Rack size – easy to carry even for small hands
> Lid with locking option – can be reclosed after use for more tip and handling safety
> Optimized stackability – all Rack sizes can be safely stacked on each other
> Sterility packaging is compliant to standards DIN EN ISO 11607 and DIN EN 868-2-10
> Scannable code on each Rack

Modern Design – Less Plastic
epT.I.P.S.® Racks completely renewed

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Modern design – Less plastic
Reduced use of plastic for the Rack without affecting tip quality was our goal. When redesigning the epT.I.P.S./ep Dualfilter T.I.P.S. disposable Racks, we paid particular attention to using as little lastic as possible while optimizing handling. 20 % to 35 % less polypropylene for production depending on Rack size is the result of intensive development work.

1 Due to the particularly slim design of the container, it can also be grasped by small hands without any problem. 2 Racks can be firmly reclosed with safe closing mechanism. 3 Oblong indentations on the sides of the Rack lids ensure optimized and safe stackability. 4 The purity seal on the closure button certifies the integrity of the product. 5 All Rack variants, regardless of their size, can be safely stacked on top of each other.

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The epT.I.P.S. disposable Racks are available in 4 different sizes for pipette tips in volumes from 10 µL to 10 mL for epT.I.P.S. pipette tips and pipette filter tips in different purities:
> epT.I.P.S.® Biopur®
> epT.I.P.S.® Sterile (North America only)
> ep Dualfilter T.I.P.S.® PCR clean/Sterile
> ep Dualfilter T.I.P.S.® SealMax® PCR clean/Sterile
> ep Dualfilter T.I.P.S.® Forensic DNA Grade

epT.I.P.S. pipette tips in Biopur purity are also available individually packed – epT.I.P.S. Singles for volumes of 20 µL, 200 µL and 1,000 µL.

Watch 3D animation about epT.I.P.S.® Racks:
www.eppendorf.com/3d-racks

For more details check our PDF »Sustainability Facts & Figures«:
www.eppendorf.com/Racks-Facts

The Environmental Impact Factor Label

epT.I.P.S.® Reloads and Sterile Reloads received ACT® certification from My Green Lab®
Both Reload variants from Eppendorf have been awarded the ACT label which evaluates a product's overall environmental impact based on several sustainability factors, including manufacturing, packaging, energy consumption and recyclability. Eppendorf liquid handling consumables are manufactured in northern Germany using 100% renewable wind energy.

In the evaluation of the epT.I.P.S. Sterile Reloads, it was particularly positively assessed that this new pipette tip packaging option can replace the conventional disposable Rack vessel in a variety of sterile applications, thus achieving significant plastic savings up to 54% in manufacturing, significantly reducing logistics effort and storage capacity, and avoiding laboratory waste.

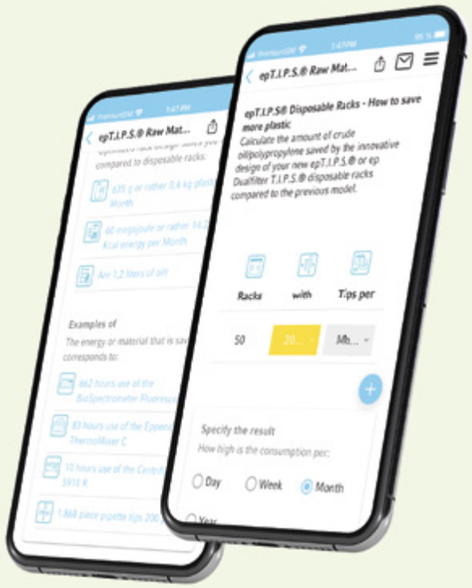
ACT. The Environmental Impact Factor Label

For more information:
https://act.mygreenlab.org

epT.I.P.S.® Raw Material Calculators

Do you know our Eppendorf App?
In this app you find two integrated features showing how to save plastic in your lab:
The Raw Material Calculator for epT.I.P.S. Racks and
The Raw Material Calculator for new epT.I.P.S. Sterile Reloads.

Calculate how much raw material you save, when using the newly designed epT.I.P.S. Racks compared to their predecessors or when switching to the new epT.I.P.S. Sterile Reloads right away. At the same time, you will find out how much energy you have saved as a result and what it could be used for.



Available in App Store
GET IT ON Google Play

Rethink

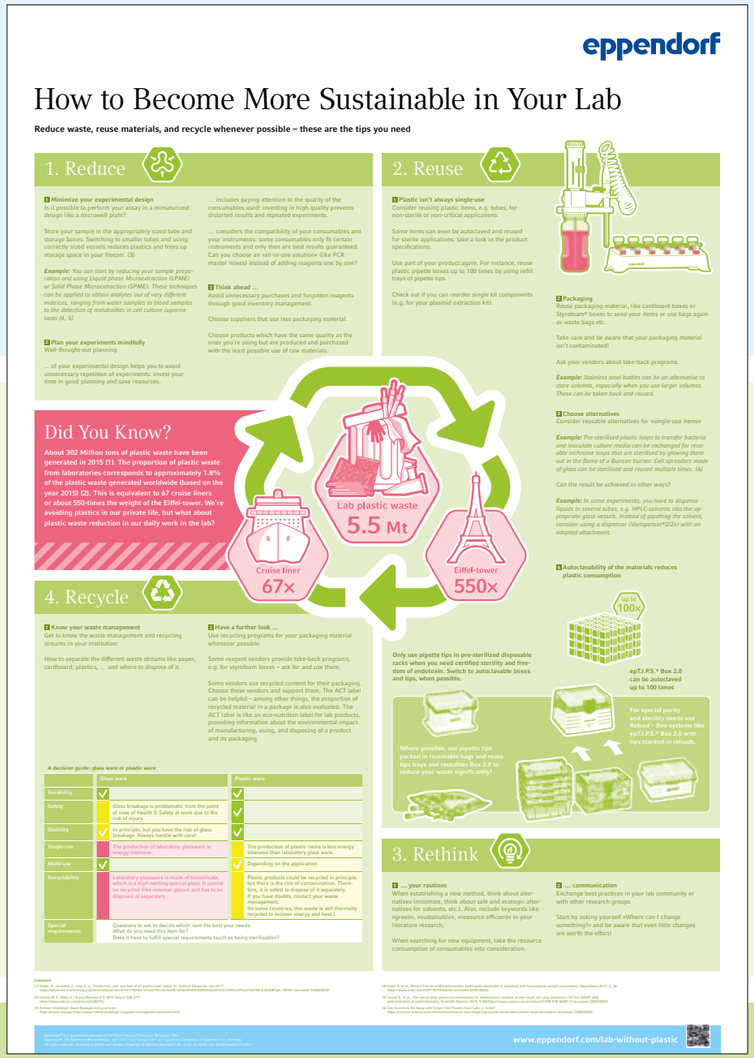
For more information:
www.eppendorf.com/sustainability

Our Contribution to Sustainability in the Laboratory

Eppendorf is very much aware of its social responsibility when it comes to sustainability and the environment. At the same time, we know about the key roles that plastic consumables play in the laboratory.

The balance between the demands of modern science and the concern for the environment with respect to plastic waste represent a central challenge for the management of a life science laboratory.

In the poster below, we have compiled ways in which more sustainability can also be made possible in your laboratory.



Download Poster (PDF):
»How to Become More Sustainable in Your Lab«

epT.I.P.S.® Packaging Options

Type of tips	Standard/Bulk	Box 2.0	Sets (Box 2.0 + 5 Reloads)	Reloads	Sterile Reloads	Racks	Singles
epT.I.P.S.® Eppendorf Quality	10 µL–10 mL long	10 µL–5.0 mL	10 µL–2.5 mL	10 µL–2.5 mL		5.0 mL–10 mL	
epT.I.P.S.® PCR clean				10 µL–2.5 mL		5.0 mL	
epT.I.P.S.® Biopur®					20 µL–1,250 µL L	20 µL–10 mL	20 µL–2.5 mL
epT.I.P.S.® LoRetention® Eppendorf Quality			10 µL–1,000 µL	10 µL–1,000 µL			
epT.I.P.S.® LoRetention® PCR clean				10 µL–1,000 µL			
ep Dualfilter T.I.P.S.® PCR clean/Sterile				20 µL–1,250 µL L	20 µL–1,250 µL L	10 µL–2.5 mL	
ep Dualfilter T.I.P.S.® Forensic DNA Grade						10 µL–1,000 µL	
ep Dualfilter T.I.P.S.® LoRetention®, PCR clean/Sterile					10 µL–1,000 µL	10 µL–1,000 µL	
ep Dualfilter T.I.P.S.® SealMax® PCR clean/Sterile					20 µL–1,000 µL (Biopur)	10 µL–1,000 µL	
epT.I.P.S.® 384 Eppendorf Quality			20 µL–100 µL	20 µL–100 µL			
epT.I.P.S.® 384 PCR clean				20 µL–100 µL			
ep Dualfilter T.I.P.S.® 384 PCR clean/Sterile						20 µL–100 µL	
Characteristics	**Non-sterile and non-critical applications** > e.g. buffer preparation or gel loading > Less storage space > Autoclavable	**Non-sterile and non-critical applications** > e.g. buffer preparation or gel loading > Refill system > Autoclavable	**Non-sterile and high-throughput applications** > e.g. buffer preparation or gel loading > e.g. handling of 384 well plates » epT.I.P.S.® 384 > Refill system > Autoclavable	**Non-sterile and high-throughput applications** > e.g. molecular biology (PCR, qRT-PCR) > e.g. biochemistry (Triton® X-100, SDS and Tween® 20) » epT.I.P.S.® LoRetention® > e.g. handling of 384 well plates » epT.I.P.S.® 384 > Refill system > Autoclavable	**Sterile and high-throughput applications** > e.g. molecular biology (PCR, qRT-PCR, NGS) > e.g. biochemistry (immuno-assays) » epDualfilter T.I.P.S.® LoRetention® > e.g. cell culture and micro-biology (media) > Radioactive reagents or aerosols » epT.I.P.S. Dualfilter > e.g. handling of 384 well plates > Refill system	**Highly sensitive and high-throughput applications** > e.g. molecular biology (PCR, qRT-PCR, NGS) > e.g. biochemistry (immuno-assays) » epDualfilter T.I.P.S.® LoRetention® > e.g. cell culture and micro-biology (media) > Radioactive reagents or aerosols » epT.I.P.S. Dualfilter > Ready to use > Certificates are provided	**Most sensitive applications** > e.g. molecular biology (PCR, qRT-PCR, NGS) > e.g. biochemistry (immuno-assays) > e.g. cell culture and microbiology (media) > Date of expiry and charge no. on every blister > Certificates are provided

10 µL
20 µL
20 µL
20 µL (384 only)
20 µL (Dualfilter only)
100 µL (Dualfilter only)
100 µL (384 only)
200 µL
300 µL
1,000 µL
1,250 µL
1,250 µL L
2.5 mL
5.0 mL
10 mL

Get to Know the Eppendorf Tubes® & epT.I.P.S.® BioBased

Since oil-based plastic lab consumables replaced glass products, they have become irreplaceable in laboratories around the world, providing the high quality standards needed in increasingly demanding research. However, this poses a growing challenge in respect to sustainability. This is why Eppendorf not only focuses on the development of new products but also on new, more environmentally friendly manufacturing materials. We have even succeeded in finding a polypropylene based on renewable raw materials which we are now using for the production of new generations of pipette tips and tubes.

Eppendorf Tubes® BioBased Sterile, pyrogen-, DNase-, RNase- and DNA-free, are available with screw cap in volumes 5 mL, 15 mL, 25 mL and 50 mL.

epT.I.P.S.® BioBased Biopur® pipette tips,
ep Dualfilter T.I.P.S.® BioBased PCR clean/Sterile and
ep Dualfilter T.I.P.S.® SealMax® BioBased Biopur® filter pipette tips
are available packed in new Sterile Reloads.

Want to learn more go to:
www.eppendorf.com/biobased

Interested in other Eppendorf products?
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www.eppendorf.com/eshop

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