Low Retention Pipette Tips

Minimising sample loss

NEW!

Pipetting without sample loss

- Optimised surface for enhanced dispensing behaviour
- Improved sample recovery
- Minimal sample loss of highly viscous liquids or samples containing detergents
- Cost savings in valuable reagents

SARSTEDT

Low Retention Pipette Tips

Pipetting without sample loss

Laboratory analyses are becoming increasingly sensitive so that even the smallest sample volumes render precise results. As reaction volumes decrease, disposables must meet more sophisticated requirements. The calibrated pipette/pipette tip system is crucial to precise dosing. Therfore, Sarstedt pipette tips are subjected to comprehensive conformity testing.

Even with conformity testing, sample residues may be left inside pipette tips, especially with viscous materials, which can cause erroneous analysis results.

Sarstedt's Low Retention Pipette Tips are designed to exclude this source of error. The optimised surface improves the dispensing behaviour so that even the very last sample droplet is expelled.
In addition to providing enhanced pipetting accuracy, the new tip option also provides cost savings by minimising the loss of valuable reagents like restriction enzymes or polymerases.
Using superior quality Sarstedt Low Retention Pipette Tips can optimise the pipette/pipette tip system when working with liquids that are difficult to handle.

Conformity

At regular intervals, Sarstedt pipette tips are checked for maximum precision and reliability in combination with the pipettes of leading manufacturers (e.g. Eppendorf and Gilson). The tips are subjected to a defined procedure of comprehensive conformity testing in accordance with the international standard ISO 8655 for piston pipettes.

The corresponding certificate is enclosed with the product.

Biosphere® plus Quality

Biosphere® plus products meet the following purity criteria that are certified by an independent laboratory:

- ✓ **Sterile**
- ✓ **DNA-free**
- ✓ **DNase-/RNase-free**
- ✓ **PCR Inhibitor-free**
- ✓ **ATP-free**
- ✓ **Non-pyrogenic / endotoxin-free**

We guarantee compliance with the following threshold values:

Human DNA <5.0 fg/µl · Bacterial DNA <0.2 fg/µl · DNase <5x10^{-7} U/µl
RNase <5x10^{-11} Kunitz units/µl · ATP <1x10^{-12} mmol/µl · Pyrogens < 0.002 EU/ml
Sterility validated according to ISO 11135

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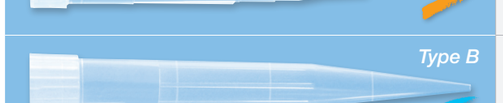
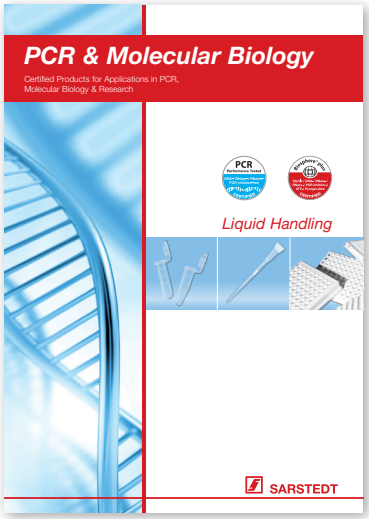
Ordering Information – Low Retention Pipette Tips with Filter in Biosphere® plus Quality

Illustrations	Order No.	Volume	Quality Grade	Packaging
Type E	70.1130.217	2.5 µl	Biosphere® plus – Sterile / DNA-/ DNase-/ RNase-/ PCR inhibitor-/ ATP-/ Pyrogen-free – CERTIFIED	96/box, 480/inner box, 1,920/case
Type E	70.1130.215	10 µl		96/box, 480/inner box, 1,920/case
Type N	70.1114.215	20 µl		96/box, 480/inner box, 1,920/case
Type J	70.1116.215	20 µl		96/box, 480/inner box, 1,920/case
Type A	70.760.219	20 µl		96/box, 480/inner box, 1,920/case
Type A	70.760.217	100 µl		96/box, 480/inner box, 1,920/case
Type A	70.760.216	200 µl		96/box, 480/inner box, 1,920/case
Type L	70.765.215	300 µl		96/box, 480/inner box, 1,920/case
Type B	70.762.216	1,000 µl		100/box, 500/inner box, 1,000/case

Ordering Information – Low Retention Pipette Tips without Filter

Illustrations	Order No.	Volume	Packaging
Type E	70.1130.105	10 µl	96/box, 1,920/case
Type N	70.1114.105	20 µl	96/box, 1,920/case
Type J	70.1116.105	20 µl	96/box, 1,920/case
Type A	70.760.107	200 µl	96/box, 1,920/case
Type L	70.765.105	300 µl	96/box, 1,920/case
 Type B	70.762.105	1,000 µl	100/box, 1,000/case

You might also be interested in the following products…



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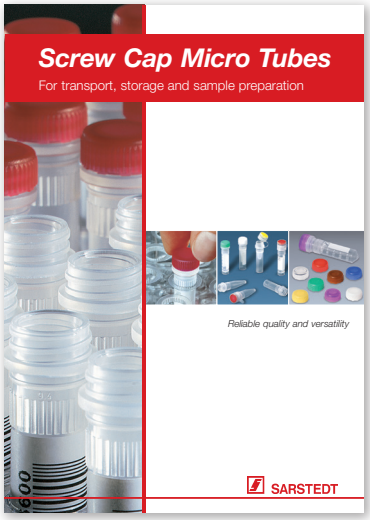
Order No.: 20.215



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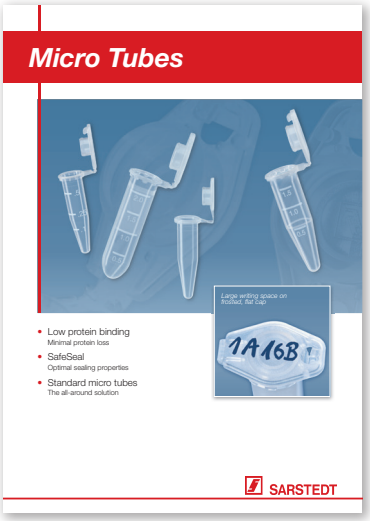

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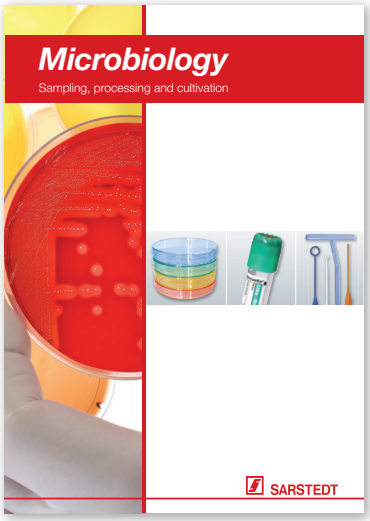

Order No.: 20.537

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