



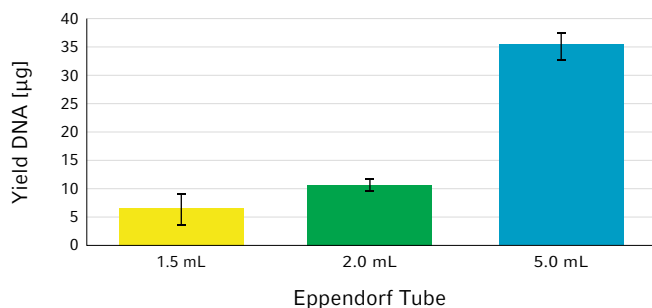
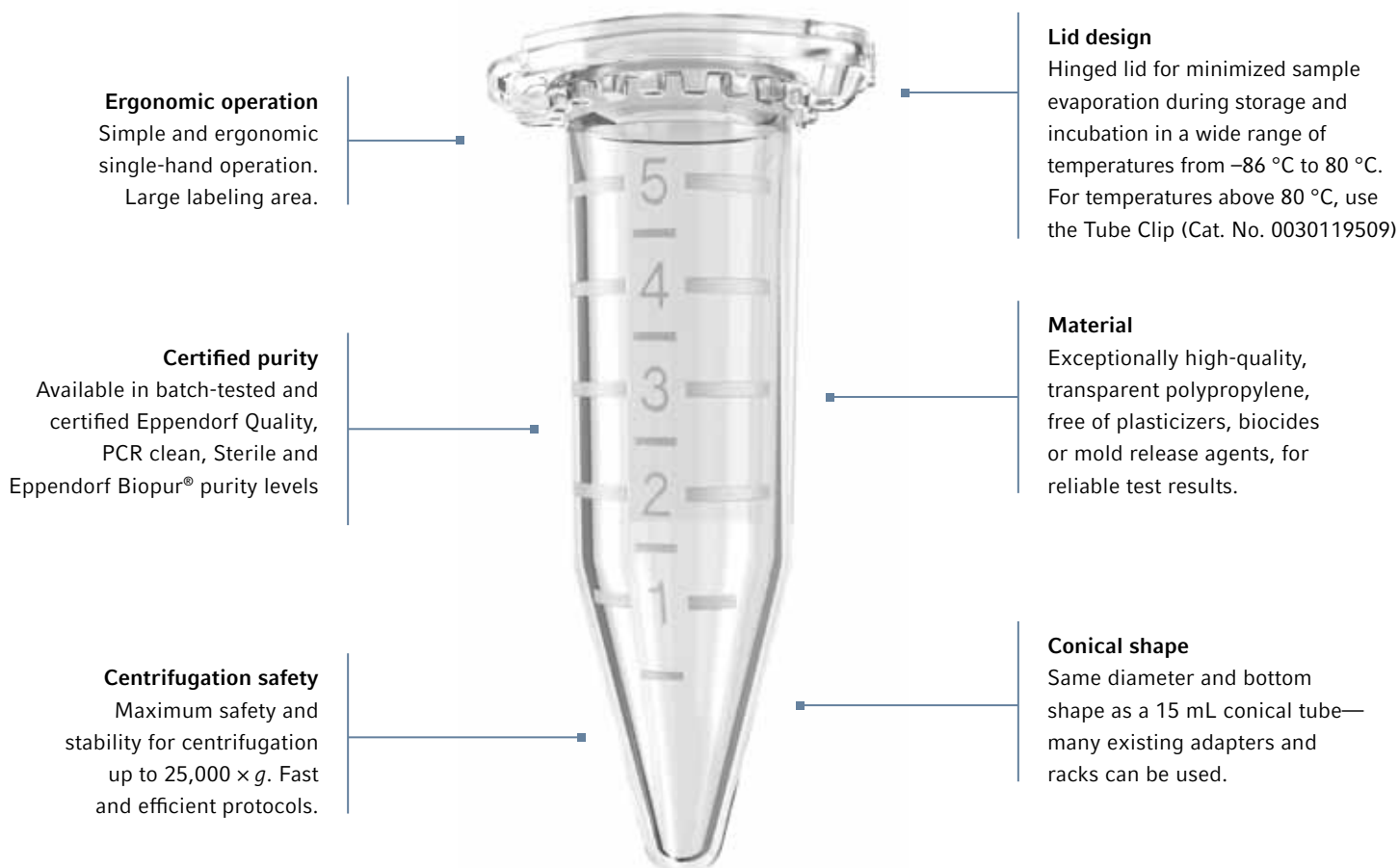
# The Missing Link

Eppendorf Tubes® 5.0 mL—Discover a new sample handling system

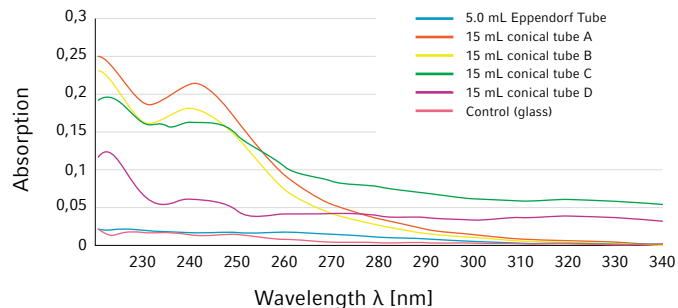


Combined with the comprehensive line of accessories, Eppendorf Tubes® 5.0 mL are the perfect option for working with medium-sized sample volumes!

# Eppendorf Tubes® 5.0 mL



**Fig. 1: Higher yields in DNA isolation**—plasmid DNA yields can be significantly increased with low-copy plasmids by increasing the culture volume to 5 mL. The Eppendorf Tube 5.0 mL allows to conduct DNA purification safely and contamination-free, without dividing samples among several smaller tubes. For additional information and a description of the protocol, see Application Note no. 262.



**Fig. 2: Minimization of leachables**—conical 15 mL screw cap tubes, often used in the medium volume range, show contamination from leaching substances which absorb in the UV range and can thereby disrupt DNA and protein quantifications. The Eppendorf Tube 5.0 mL offers a safe alternative for sample preparation and storage. For additional information and a description of the protocol, see Application Note no. 264.

## Intelligent and simple—systematically!

### Comprehensive line of accessories:

Of course, the Eppendorf system concept is the focus for the new Eppendorf Tubes® 5.0 mL. All lab procedures can continue to be executed—simple, practical and cost-effective.

Eppendorf offers a sophisticated range of matching accessories. Efficient and simple pipetting, gentle mixing, incubating, safe centrifugation, automatic pipetting and storage down to  $-86^{\circ}\text{C}$ . All works perfectly with Eppendorf Tubes 5.0 mL.

The tube's conical shape is designed to be compatible with most accessories for common conical 15 mL tubes. This allows you to continue using many of your existing adapters and racks!

### Accessories:

- > Matching high-speed rotors for Eppendorf Centrifuges 5430/R, 5427 R, 5804/R and 5810/R
- > 5.0 mL adapters and inserts for all existing Eppendorf rotors, with bore holes for 15 mL or 50 mL tubes
- > Functional rack for bench work
- > Storage boxes for freezers
- > 5.0 mL thermoblocks for Eppendorf ThermoMixer™ C, Thermomixer® comfort, ThermoStat C and ThermoStat plus
- > 5.0 mL Reservoir Rack Module for the automated pipetting system epMotion®



Perfect mixing, heating and cooling with the ThermoMixer C



Safe centrifugation with Eppendorf Centrifuges



Optimized adapters for existing swing-bucket and fixed-angle rotors



The ideal solution for sample preparation and storage: new racks and storage boxes



Precise one-step pipetting with Eppendorf pipettes and epT.I.P.S.® 5.0 mL



Easy integration in the epMotion automated pipetting system

# Discover the missing link— Eppendorf Tubes® 5.0 mL

Eppendorf created the Eppendorf tube 50 years ago and triggered an evolution of microtubes! Since then, Eppendorf tubes have been used throughout the world every day. Eppendorf Tubes represent the peak of development and are today a definitive standard in sample processing from 0.5 to 2.0 mL.

Conical screw cap tubes (15 mL and 50 mL) are available for large volumes. With medium sample volumes you may face an issue: they need to be processed with large conical screw cap tubes—impractical, inconvenient and often prone to contamination.

Eppendorf now offers the »missing link«: the Eppendorf Tube 5.0 mL. This product fills the gap between existing tube versions and enables the simple and safe processing of sample volumes up to 5.0 mL.

## **Application benefits:**

- > Easier processing of samples up to 5.0 mL
- > Higher yields in DNA isolation, especially with samples with limited quantity of source material
- > Convenient and contamination-free cell culture applications
- > Easier sample access lowers the risk of contamination
- > Preparation of mastermixes and buffers
- > Less storage space needed
- > Safe cell and tissue lysis

> [www.eppendorfna.com/5ml](http://www.eppendorfna.com/5ml)

## Ordering information

Description	Catalog No.
<b>Eppendorf Tube® 5.0 mL</b> , Eppendorf Quality™, 200 tubes (2 bags of 100 tubes)	0030119401
<b>Eppendorf Tube® 5.0 mL</b> , PCR clean <sup>1</sup> , 200 tubes (2 bags of 100 tubes)	0030119460
<b>Eppendorf Tube® 5.0 mL</b> , Sterile <sup>2</sup> , 200 tubes (10 bags of 20 tubes)	0030119487
<b>Eppendorf Tube® 5.0 mL</b> , Eppendorf Biopur <sup>3</sup> , 50 tubes (individually wrapped)	0030119479
<b>Eppendorf Protein LoBind Tube 5.0 mL</b> , PCR clean <sup>1</sup> , 100 tubes (2 bags of 50 tubes)	0030108302
<b>Eppendorf DNA LoBind Tube 5.0 mL</b> , PCR clean <sup>1</sup> , 200 tubes (4 bags of 50 tubes)	0030108310
<b>Eppendorf Tube® 5.0 mL Cell culture package</b> , 400 tubes in Sterile <sup>2</sup> purity (20 bags of 20 tubes), 2 Tube Racks, 1 Research plus 5.0 pipette, 1 Pipette holder for wall mounting, 2 ep Dualfilter T.I.P.S.® 0.1–5.0 mL in PCR clean <sup>1</sup> and Sterile <sup>2</sup> purity	022365001
<b>Accessories for general use</b>	
<b>Eppendorf Tube® 5.0 mL Starter Pack</b> , 400 tubes in PCR clean <sup>1</sup> purity (4 bags of 100 tubes), 2 Tube Racks, 8 Universal inserts	0030119380
<b>Tube Rack</b> for 16 x 5.0 mL, also suitable for 15 mL conical screw cap tubes, white, 2 pcs.	0030119495
<b>Storage Box</b> for 25 x 5.0 mL, polypropylene, with lid and alphanumeric code, suitable for -86°C storage, height 65 mm, 2 pcs. (blue and red)	0030127943
<b>Tube Clip</b> for Eppendorf Tubes® 5.0 mL, 10 pcs.	0030119509
<b>Accessories for Liquid Handling</b>	
<b>Eppendorf Research plus 5.0 mL</b> , single-channel pipette, 0.5-5.0 mL, Violet	3120000070
<b>Eppendorf Xplorer 5.0 mL</b> , single-channel electronic pipette, 0.25-5.0 mL, Violet	4861000058
<b>epT.I.P.S. 0.1-5.0 mL</b> , Eppendorf Quality, 500 tips (5 bags of 100 tips)	022492080
<b>epT.I.P.S. 0.1-5.0 mL</b> , Eppendorf Quality, 1 reusable box with 24 tips	022491385
<b>ep Dualfilter T.I.P.S. 0.1-5.0 mL</b> , PCR clean <sup>1</sup> and Sterile <sup>2</sup> , 120 tips (5 racks of 24 tips)	022491261
<b>Eppendorf Reservoir Rack Module TC 4 x 5.0 mL</b> , for use in epMotion®	5075799340
<b>Accessories for Centrifuges</b>	
<b>Universal insert</b> , for use of Eppendorf Tube 5.0 mL in centrifuge rotors and adapters with 15 mL conical bore holes, set of 8 pcs.	5820732008
<b>Universal adapter 1 x 5.0 mL</b> , for rotors with 50 mL conical bore hole, set of 2 pcs.	5820730005
<b>Universal adapter 1 x 5.0 mL</b> , for rotors with 100 mL round bore hole, set of 2 pcs.	5804777000
<b>Eppendorf adapter 1 x 5.0 mL</b> , for 6 x 15/50 mL rotor (F-35-6-30), Centrifuge 5430/5430 R, sm. bore, 2 pcs.	5427746005
<b>Eppendorf adapter 1 x 5.0 mL</b> , for 6 x 15/50 mL rotor (F-35-6-30), Centrifuge 5430/5430 R, lg. bore, 2 pcs.	5427747001
<b>Eppendorf adapter 1 x 5.0 mL</b> , for 4 x 100 mL rotor (A-4-38), Centrifuge 5702/5702 R/5702 RH, 2 pcs.	5702733008
<b>Eppendorf adapter 8 x 5.0 mL</b> , for 4 x 250 mL rotor (S-4-72), Centrifuge 5804/5804 R/5810/5810 R, 2 pcs.	5804793005
<b>Eppendorf adapter 14 x 5.0 mL</b> , for 4 x 750 mL rotor (S-4-104), Centrifuge 5810/5810 R, set of 2 pcs.	5825739000
<b>Eppendorf rotor 12 x 5.0 mL for Centrifuge 5427 R (FA-45-12-17)</b> , max. 20,600 x g, with aerosol-tight Eppendorf QuickLock® lid	5409700006
<b>Eppendorf rotor 16 x 5.0 mL for Centrifuge 5430/5430 R (FA-45-16-17)<sup>4</sup></b> , max. 21,191 x g, with aerosol-tight QuickLock® lid	5427750002
<b>Eppendorf rotor 20 x 5.0 mL for Centrifuge 5804/5804 R and 5810/5810 R (FA-45-20-17)<sup>5</sup></b> , max. 20,913 x g, with aerosol-tight Eppendorf QuickLock® lid	5820765003
<b>Accessories for Eppendorf Thermomixer and ThermoStat</b>	
<b>Eppendorf Thermoblock 8 x 5.0 mL</b> , for Eppendorf Thermomixer R and ThermoStat plus	5309000333
<b>Eppendorf SmartBlock™ 8 x 5.0 mL</b> , for Eppendorf ThermoMixer™ C and ThermoStat C	5309000007

<sup>1</sup> PCR clean: Batch-certified free from DNA, DNase, RNase, and PCR inhibitors. <sup>2</sup> Sterile: Batch-certified sterile and free from pyrogens/endotoxins. <sup>3</sup> Biopur: Batch-certified sterile and free from DNA, DNase, RNase, PCR inhibitors, ATP and pyrogens/endotoxins. <sup>4</sup> Please note that a software upgrade is necessary to use this rotor in 5430/5430 R with serial numbers <16,000. This rotor cannot be used in 5430 (non-refrigerated) centrifuges with serial numbers below 10,000. <sup>5</sup> Please note that rotor FA-45-20-17 can be used for 120 V models starting with serial numbers: 5804 (≥62,247), 5804 R (≥63,063), 5810 (≥62,206), 5810 R (≥66,386). If you own a unit with an older serial number a software upgrade will be necessary. Please contact Eppendorf Customer Support at 800-645-3050 to learn about your options.

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