

eppendorf



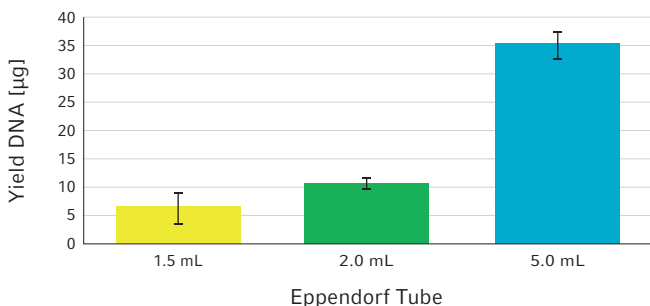
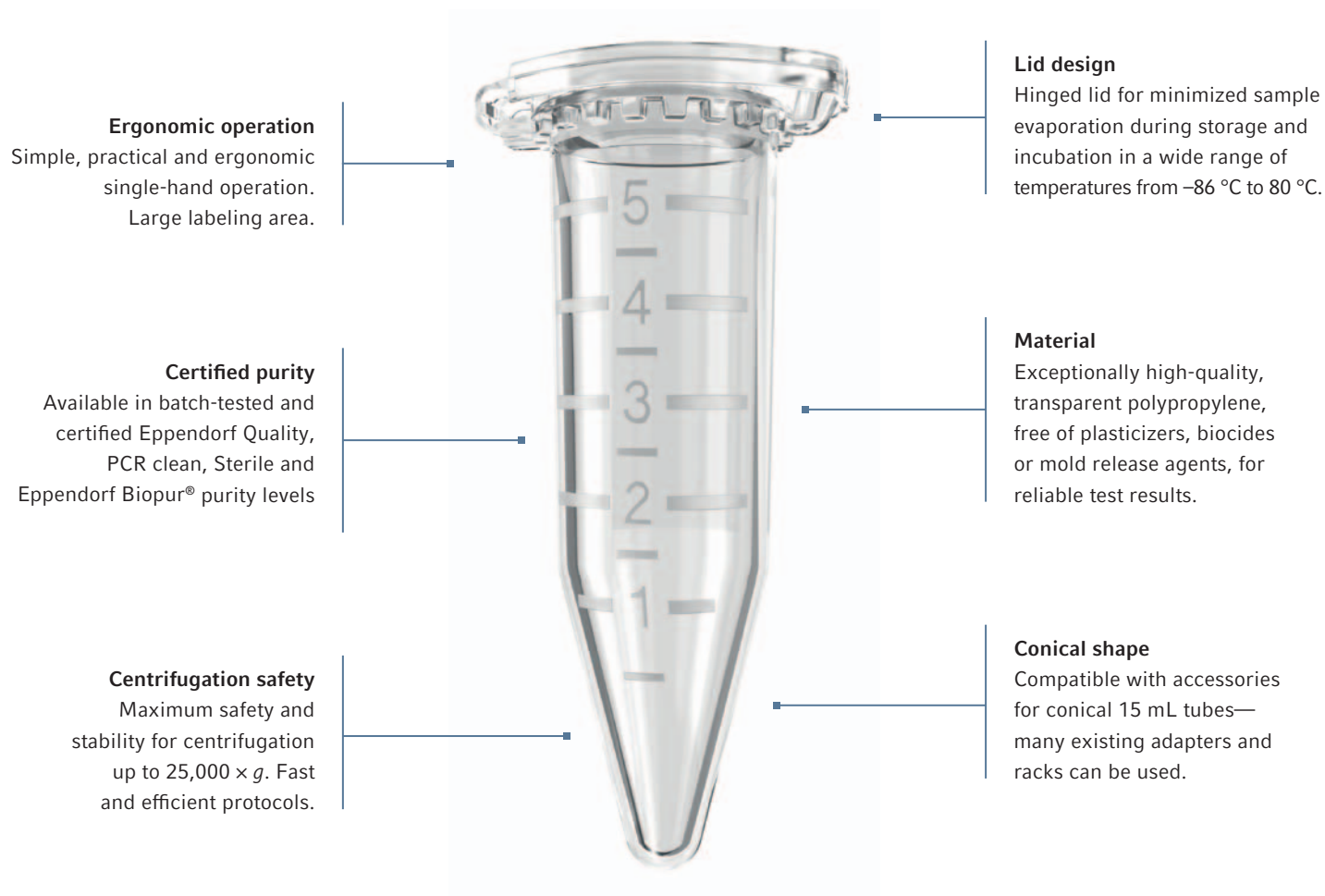
# The Missing Link

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

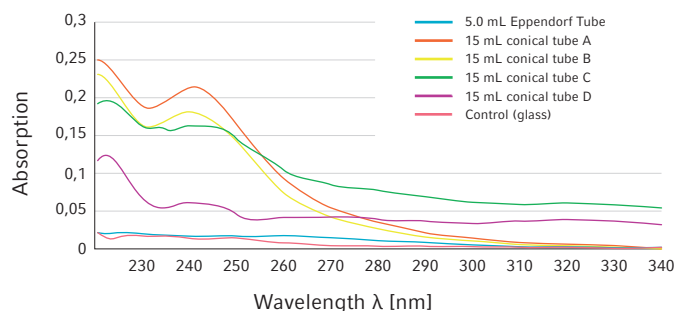


Combined with the comprehensive line of accessories, Eppendorf Tubes® 5.0 mL are the perfect option for working with medium-sized sample volumes!

# 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 freezing
- > 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



Easy integration in the epMotion automated pipetting system



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



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

# 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 safe 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.eppendorf.com/5ml](http://www.eppendorf.com/5ml)
- > [www.eppendorf.com/consumables](http://www.eppendorf.com/consumables)

## Ordering information

Description	Order no.
<b>Eppendorf Tubes® 5.0 mL, Eppendorf Quality</b> , 200 tubes (2 bags of 100 ea.)	0030 119.401
<b>Eppendorf Tubes® 5.0 mL, PCR clean</b> , 200 tubes (2 bags of 100 ea.)	0030 119.460
<b>Eppendorf Tubes® 5.0 mL, Sterile</b> , 200 tubes (10 bags of 20 ea.)	0030 119.487
<b>Eppendorf Tubes® 5.0 mL, Eppendorf Biopur®</b> , 50 tubes (individually wrapped)	0030 119.479
<b>Eppendorf Protein LoBind Tubes 5.0 mL, PCR clean</b> , 100 tubes (2 bags of 50 ea.)	0030 108.302
<b>Eppendorf DNA LoBind Tubes 5.0 mL, PCR clean</b> , 200 tubes (4 bags of 50 ea.)	0030 108.310
<b>Starter Pack of Eppendorf Tubes® 5.0 mL, PCR clean</b> , 400 tubes (2 packages with 2 bags of 100 ea.), 2 racks (with 16 spaces), white, universal adapter for rotors with bore for 15 mL conical tubes (8 pcs.)	0030 119.380
<b>System accessories</b>	
<b>Rack 5.0 mL (16 spaces)</b> , 2 pcs., white, also suitable for 15 mL conical screw cap tubes	0030 119.495
<b>Storage box 5.0 mL (25 spaces)</b> , 2 pcs., 5 × 5 grids, blue and red, made of polypropylene for freezing up to -86 °C, with lid and alphanumeric code, height: 67 mm	0030 127.943
<b>Tube Clip 5.0 mL</b> , 10 pcs., secures lid for boiling	0030 119.509
<b>Centrifuge 5427 R: rotor</b>	
Rotor FA-45-12-17, for 12 × Eppendorf Tubes® 5.0 mL, up to 20,600 × <i>g</i> , aerosol-tight	5409 700.006
<b>Centrifuge 5430/5430 R: rotors and adapters</b>	
Rotor FA-45-16-17, for 16 × Eppendorf Tubes® 5.0 mL, up to 21,191 × <i>g</i> , aerosol-tight	5427 750.002
Adapter for Rotor F-35-6-30 (large bore), 2 pcs., for 2 × Eppendorf Tubes® 5.0 mL, up to 7,129 × <i>g</i>	5427 747.001
Adapter for Rotor F-35-6-30 (small bore), 2 pcs., for 2 × Eppendorf Tubes® 5.0 mL, up to 6,237 × <i>g</i>	5427 746.005
<b>Centrifuge 5702/ 5702 R/ 5702 RH: adapter</b>	
Adapter for Rotor A-4-38, 2 pcs., for 2 × Eppendorf Tubes® 5.0 mL, up to 2,943 × <i>g</i>	5702 733.008
<b>Centrifuge 5804/ 5804 R and 5810/ 5810 R: rotors and adapters</b>	
Rotor FA-45-20-17, for 20 × Eppendorf Tubes® 5.0 mL, up to 20,913 × <i>g</i> , aerosol-tight	5820 765.003
Adapter for Rotor F-34-6-38 (large bore), 2 pcs., for 2 × Eppendorf Tubes® 5.0 mL, up to 16,824 × <i>g</i>	5804 777.000
Adapter for Rotor F-45-6-30 (large bore), 2 pcs., for 2 × Eppendorf Tubes® 5.0 mL, up to 19,806 × <i>g</i>	5820 730.005
Adapter for Rotor S-4-104 (large bore), 2 pcs., for 28 × Eppendorf Tubes® 5.0 mL, up to 3,214 × <i>g</i>	5825 739.000
Adapter for Rotor S-4-72, 2 pcs., for 16 × Eppendorf Tubes® 5.0 mL, up to 3,215 × <i>g</i>	5804 793.005
<b>Centrifuges with rotors for 15 mL conical screw cap tubes: universal adapter</b>	
Insert, 8 pcs., for 8 × Eppendorf Tubes® 5.0 mL	5820 732.008
<b>Thermomixer® comfort and ThermoStat plus: thermoblock 5.0 mL</b> , for 8 × Eppendorf Tubes® 5.0 mL	5309 000.333
<b>Eppendorf ThermoMixer™ C and ThermoStat C: SmartBlock 5.0 mL</b> , for 8 × Eppendorf Tubes® 5.0 mL	5309 000.007
<b>epMotion®: Reservoir Rack Module TC 5.0 mL</b> , for 4 × Eppendorf Tubes® 5.0 mL	5075 799.340

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