

NEW: 5.0 mL  
screw cap tube



# 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

**Snap cap**  
Simple, practical and ergonomic single-hand operation. Large labeling area.

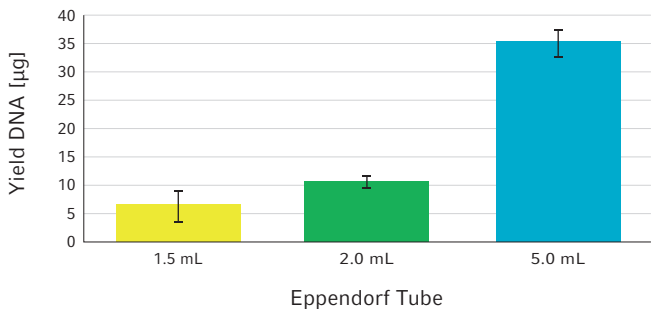
**Certified purity**  
Depending on application, available in lot-tested and certified Eppendorf purity grades.

**Centrifugation safety**  
High g-Safe® centrifugation stability for reliable, fast, and efficient protocols.

**Screw cap**  
Flattened and grooved sides support a user-friendly and safe operation.

**Material**  
Exceptionally high-quality, transparent polypropylene, free of plasticizers, biocides or mold release agents, for reliable test results.

**Conical shape**  
Compatible with accessories for conical 15 mL tubes—many existing adapters and racks can be used.



**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 Tubes 5.0 mL allow to conduct DNA purification, without dividing samples among several smaller tubes. Data shown in the diagram were generated with 5.0 mL snap cap format - for additional information and protocol description, see Application Note 262.

# Intelligent and simple—systematically!

## Comprehensive line of accessories:

The Eppendorf 5.0 mL system concept represents a complete solution for laboratory workflows. The lab procedures can easily be executed—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: 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, Eppendorf ThermoMixer® comfort, Eppendorf ThermoStat™ C and Eppendorf 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.

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 unnecessarily large tube formats—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
- > Availability of snap cap and screw cap formats enable optimal choice for different requirements in sample preparation, incubation, storage, or other applications.
- > Convenient and safe cell culture applications
- > Easier sample access lowers the risk of contamination
- > Preparation and storage of mastermixes and buffers
- > Less storage space needed
- > Safe cell and tissue lysis
- > Amber-colored tube variant for light protected storage

- > [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>Eppendorf Tubes® 5.0 mL, amber, Eppendorf Quality™</b> , amber (light protection), 200 tubes (2 bags x 100 tubes)	0030 119.452
<b>Eppendorf Tubes® 5.0 mL with screw cap, Eppendorf Quality™</b> , 200 tubes (2 bags x 100 tubes)	0030 122.305
<b>Eppendorf Tubes® 5.0 mL with screw cap, PCR clean</b> , 200 tubes (2 bags x 100 tubes)	0030 122.313
<b>Eppendorf Tubes® 5.0 mL with screw cap, sterile, pyrogen-, DNase-, RNase-, and DNA-free</b> , 200 tubes (2 bags x 100 tubes)	0030 122.321
<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> , 4 pcs., 5 x 5 grids, light grey, made of polypropylene for freezing up to -86 °C, with lid and alphanumeric code, height: 63.5 mm, 2.5 inch, autoclavable	0030 140.532
<b>Storage box for 5.0 mL with screw cap (25 spaces)</b> , 2 pcs., 5 x 5 grids, light grey, made of polypropylene for freezing up to -86 °C, with lid and alphanumeric code, height: 76.2 mm, 3 inch, autoclavable	0030 140.613
<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 x Eppendorf Tubes® 5.0 mL, up to 20,600 x g, aerosol-tight	5409 700.006
<b>Centrifuge 5430/5430 R: rotors and adapters</b>	
Rotor FA-45-16-17, for 16 x Eppendorf Tubes® 5.0 mL, up to 21,191 x g, aerosol-tight	5427 750.002
Adapter for Rotor F-35-6-30 (large bore), 2 pcs., for 2 x Eppendorf Tubes® 5.0 mL, up to 7,129 x g	5427 747.001
Adapter for Rotor F-35-6-30 (small bore), 2 pcs., for 2 x Eppendorf Tubes® 5.0 mL, up to 6,237 x g	5427 746.005
<b>Centrifuge 5702/ 5702 R/ 5702 RH: adapter</b>	
Adapter for Rotor A-4-38, 2 pcs., for 2 x Eppendorf Tubes® 5.0 mL, up to 2,943 x g	5702 733.008
<b>Centrifuge 5804/ 5804 R and 5810/ 5810 R: rotors and adapters</b>	
Rotor FA-45-20-17, for 20 x Eppendorf Tubes® 5.0 mL, up to 20,913 x g, aerosol-tight	5820 765.003
Adapter for Rotor F-34-6-38 (large bore), 2 pcs., for 2 x Eppendorf Tubes® 5.0 mL, up to 16,824 x g	5804 777.000
Adapter for Rotor F-45-6-30 (large bore), 2 pcs., for 2 x Eppendorf Tubes® 5.0 mL, up to 19,806 x g	5820 730.005
Adapter for Rotor S-4-104 (large bore), 2 pcs., for 28 x Eppendorf Tubes® 5.0 mL, up to 3,214 x g	5825 739.000
Adapter for Rotor S-4-72, 2 pcs., for 16 x Eppendorf Tubes® 5.0 mL, up to 3,215 x g	5804 793.005
<b>Centrifuges with rotors for 15 mL conical screw cap tubes: universal adapter</b>	
Insert, 8 pcs., for 8 x Eppendorf Tubes® 5.0 mL	5820 732.008
<b>Eppendorf ThermoMixer® comfort and Eppendorf ThermoStat™ plus: thermoblock 5.0 mL</b> , for 8 x Eppendorf Tubes® 5.0 mL	5309 000.333
<b>Eppendorf ThermoMixer® C and Eppendorf ThermoStat™ C: Eppendorf SmartBlock™ 5.0 mL</b> , for 8 x Eppendorf Tubes® 5.0 mL	5309 000.007
<b>epMotion®: Reservoir Rack Module TC 5.0 mL</b> , for 4 x Eppendorf Tubes® 5.0 mL	5075 799.340

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)

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