

## Instructions for use

PCR Tubes  
English (EN)

Before using the consumables for the first time, read these instructions for use and the operating manual of the device that you use the consumables with.

## 1 Safety

### 1.1 Intended use

PCR tubes are designed for single use in PCR applications.

The product can be used for training, routine and research laboratories in the areas of life sciences, industry or chemistry. This product is intended to be used for research purposes only. Eppendorf does not provide a warranty for other applications. The product is not suitable for use in diagnostic or therapeutic applications. The product may only be used by skilled personnel who have been trained in the areas mentioned above.

The PCR tubes, Forensic DNA Grade, are designed to meet the high requirements of forensic applications. They comply with ISO 18385 specifications. The tests are performed by an external test laboratory (accredited to ISO 17025). The purity criteria are specified in batch-specific certificates.



#### **WARNING! Risk from hazardous substances.**

If the tubes are handled improperly the contents of the tube can splash out or escape.

- ▶ Only use undamaged tubes and plates.
- ▶ Do not fill the tubes and plates above the permitted total volume.
- ▶ Make the necessary safety arrangements for transport or storage to prevent materials escaping from the tube. Use stands that are suitable for the tubes.
- ▶ Do not freeze the tubes and plates with liquid nitrogen.
- ▶ Seal the tubes and plates carefully.



#### **WARNING! Risk of contamination**

Consumables are only sterile in sealed packaging.

- ▶ Please check that the packaging is undamaged.
- ▶ Only open the packaging immediately before use.
- ▶ Only use visually perfect and undamaged items.



**WARNING! Damage to health from toxic, radioactive or aggressive chemicals as well as infectious liquids and pathogenic germs.**

- ▶ Observe the national regulations for handling these substances, the biological security level of your laboratory, the safety data sheets and the manufacturer's application notes.
- ▶ Wear your personal protective equipment.
- ▶ Consult the "Laboratory Biosafety Manual" (source: World Health Organization, Laboratory Biosafety Manual, in its respectively current valid version).



**CAUTION! Risk of contamination when disposing of used consumables.**

- ▶ Dispose of used consumables in accordance with the substances with which they have come into contact.
- ▶ Observe the rules that apply to your lab.



**NOTICE! Material damage from incorrect use.**

- ▶ Only use the product for its intended purpose as described in the operating manual.
- ▶ Ensure adequate material resistance when using chemical substances.
- ▶ In case of any doubts, contact the manufacturer of this product.

## 2 Product description

Eppendorf PCR tubes are thin-walled tubes.

## 3 Technical data

|                              |                                                                                                                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                     | Polypropylene                                                                                                                                                                                                                                                                                |
| Operational temperature      | -86 °C to +105 °C                                                                                                                                                                                                                                                                            |
| Autoclavability              | 121 °C, 20 min, not closed                                                                                                                                                                                                                                                                   |
| Centrifugation stability     | Suitable for centrifugation at up to 10000 x g in 45°fixed-angle rotor.<br>Test conditions: 4 °C, 30 min, aqueous saline solution with a density of 1.2 g/mL.<br>Eppendorf PCR tubes are not suitable for centrifuging organic solvents. If in doubt, contact Eppendorf Application Support. |
| Eppendorf purity grade       | Batch testing (certified) for the following purity criteria: Human DNA-free, DNase-free, RNase-free and free of PCR inhibitors*.                                                                                                                                                             |
| Eppendorf Forensic DNA Grade | Consumables with the "Eppendorf Forensic DNA Grade" purity grade meet ISO 18385* requirements.                                                                                                                                                                                               |
| Storage before use           | ► Protect from direct sunlight and UV light.<br>► Store dry at ambient temperature.                                                                                                                                                                                                          |

\*) Batch-specific certificates are available on the Internet at: [www.eppendorf.com/certificates](http://www.eppendorf.com/certificates).

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### 4 Ordering information

| Order no.<br>(International) | Order no. (North<br>America) | Description                                                                         |
|------------------------------|------------------------------|-------------------------------------------------------------------------------------|
| 0030 124.332                 | 951010006                    | <b>Eppendorf PCR Tubes</b><br>0.2 mL<br>PCR clean, colorless, 1000 pcs.             |
| 0030 124.707                 | 0030124707                   | Forensic DNA Grade, colorless, 500 pcs.<br>(10 bags × 50 pcs.)                      |
| 0030 124.359                 | 951010022                    | PCR clean, 8-tube strips, 120 pcs. (960 tubes)                                      |
| 0030 124.537                 | 0030124537                   | <b>Eppendorf PCR Tubes</b><br>0.5 mL<br>PCR clean, with hinged lid, clear, 500 pcs. |
| 0030 124.545                 | 0030124545                   | <b>PCR Rack</b><br>10 pcs.                                                          |

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

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