PCR Tubes, 0.2 mL

Technical Data Sheet

Catalogue	Pack Size
PCRT-100	100 pcs, standard
PCRT-500	500 pcs, standard
PCRT-1000	1000 pcs, standard

For research and educational use only.

Description

With a standard volume of 0.2 mL, PCR tubes are used in DNA extraction, PCR, qPCR, and other molecular biology applications. Their small volume reduces the use of expensive reagents and allows rapid and efficient heating and cooling in a thermocycler, for example during a PCR.

These tubes are ideal for DNA work with small numbers of samples. Manufactured from medical grade polypropylene, they are certified free of RNase, DNase, DNA and PCR inhibitors. The tightly fitting attached caps are easy to open and close with a click, and provide optimal sealing to minimise evaporation. The flat cap lid allows clear labelling of each tube.

Application Recommendations

- PCR protocols
- DNA extraction protocols
- qPCR protocols
- Reverse transcription

Recommended Usage

Keep PCR tubes sealed in the original packaging until use. To minimise potential contamination shake tubes into a gloved hand or clean surface rather than putting a hand into the bag, and organise on a clean 0.2 mL tube rack. Label clearly on both lid and sides with a fine permanent marker. If tubes are to be kept after use (e.g. if they are DNA extracts or PCR products for downstream uses), samples can be stored in a 0.2 mL tube box or in clearly labelled ziplock bags.

Details

- **High quality materials:** Medical grade polypropylene
- **Tight seal:** Tightly fitting caps minimise sample evaporation during heating
- **Easily labelled:** Attached flat lids allows each tube to be labelled.
- **Rapid heating and cooling:** Ultra thin walls for effective thermal transfer

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- **Free of contamination:** Certified RNase, DNase, DNA and PCR inhibitor free
- **Autoclavable:** Tubes and samples can be sterilised if required using a laboratory autoclave or a pressure cooker.

Components

Polypropylene 0.2 mL PCR tubes, certified RNase, DNase, DNA and PCR inhibitor free

Storage & Stability

Store at room temperature. Keep packages sealed and away from sources of contamination such as dust, damp, or PCR products. To avoid potential contamination we recommended that tubes be handled with clean gloves, and that unused tubes are not put back into the original packaging once removed.

Shipping conditions

Shipped at room temperature.

Safety warnings and precautions

This product and its components are not considered hazardous if used as intended. However, as with all scientific equipment and plastics this product should be handled and stored with care as standard practice.

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