

# virotype<sup>®</sup> PRRSV PRO Positive Control

Jan 2025 | EN

**REF** 30 reactions (cat. no. PC282345)

Contents	Volume	Storage conditions
virotype PRRSV PRO Positive Control (30)	1x 240 µl	-30°C to -15°C

## Intended use

The virotype PRRSV PRO Positive Control contains synthetically derived RNA of Type 1 (European) and Type 2 (North American) genotypes of *Porcine Reproductive and Respiratory Syndrome Virus* (PRRSV). This product can be used as a positive control in real-time RT-PCR.

**For research use only. This product is not intended for the diagnosis, prevention or treatment of a disease.**

## Preparation of PCR setup

- Before use, thaw the virotype PRRSV PRO Positive Control on ice and spin down briefly.
- An example of a preparation RT-PCR reaction is provided in Table 1. For instance, use 8 µL of the virotype PRRSV PRO Positive Control per 25 µL RT-PCR reaction.

Table 1. Example of an RT-PCR reaction mix

Component	Volume per reaction
Real-time RT-PCR Master Mix, e.g., IndiMix JOE (cat. no. MX299945, MX299947) or IndiMix TAMRA (cat. no. MX299985, MX299987)	15 µL
virotype PRRSV PRO Primers/Probes (cat. no. PR282345)	2 µL
virotype PRRSV PRO Positive Control or sample nucleic acid	8 µL
<b>Total volume of PCR reaction</b>	<b>25 µL</b>

- Add the correct volume of sample based on the real-time RT-PCR Master Mix to the PCR tubes/wells containing the Master mix.
- Close the tubes or seal the plate and invert 5 times or until mixed thoroughly.
- Spin for 5 seconds to centrifuge the droplets to the bottom of the PCR tube/wells.
- Run the thermal cycler program as indicated by the real-time RT-PCR Master Mix.

## Storage and handling

Upon receipt, store the material at  $-30^{\circ}\text{C}$  to  $-15^{\circ}\text{C}$ , away from any sources of contaminating DNA or RNA, especially amplified DNA products and material used for PCR master mixes.

Use aerosol barrier pipet tips for pipetting. Do not use after the expiration date printed on the label. Avoid repeated thawing and freezing because this may reduce performance. If used intermittently, aliquot the material and freeze.

## Quality control

Each lot of this product was manufactured and released in accordance with INDICAL's ISO-certified Quality Management System.

## Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available from your regional sales manager or at [compliance@indical.com](mailto:compliance@indical.com).

All sample residues and objects that have come into contact with samples must be decontaminated or disposed of as potentially infectious material. Dispose of all materials in accordance with national and local regulations.

## Change index

Product Sheet	Version	Change
HB-2671-EN-001	Jan 2025	Product Launch

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