

ViroReal[®] Kit PCV3



For veterinary use only

ViroReal[®] Kit PCV3

Order no.	Reactions	Pathogen	Internal positive control
DVEV03613	100	FAM channel	Cy5 channel
DVEV03653	50	FAM channel	Cy5 channel
DVEV03611	100	FAM channel	VIC/HEX channel
DVEV03651	50	FAM channel	VIC/HEX channel

Kit contents:

- Detection assay for PCV3
- Detection assay for internal positive control (control of amplification)
- DNA reaction mix (contains uracil-N glycosylase, UNG)
- Positive control for PCV3
- Water



Background: Porcine circovirus type 3 (PCV3) is a novel circovirus species identified in pigs with porcine dermatitis and nephropathy syndrome (PDNS), reproductive failure, respiratory disease and multi-systemic inflammation. Porcine circovirus is a small, non-enveloped DNA virus that contains a single strand of circular DNA. It belongs to the genus *Circovirus* in the family *Circoviridae*.

Description: ViroReal[®] Kit PCV3 detects the capsid gene of the porcine circovirus type 3. A probe-specific amplification-curve at 530 nm (FAM channel) indicates the amplification of PCV3 specific DNA. It allows the rapid and sensitive detection of DNA of PCV3 from samples purified from serum, oral fluid, swab specimens from respiratory tract and biopsies (e.g. with the QIAamp DNA Mini Kit or QIAamp DSP Virus Kit).

PCR-platforms: ViroReal[®] Kit PCV3 is developed for the Applied Biosystems[®] 7500 instrument (Thermo Fisher Scientific), LightCycler[®] 480 (Roche) and Mx3005P[®] (Agilent), but is also suitable for other real-time PCR instruments.

**ViroReal[®], BactoReal[®] and ParoReal Kits run with the same thermal cycling conditions.
RNA and DNA material can be analysed in one PCR run.**

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