

# ViroReal® Kit Pseudorabiesvirus (SHV-1)



For veterinary use only

## ViroReal® Kit Pseudorabiesvirus (SHV-1)

Order no.	Reactions	Pathogen	Internal positive control
DVEV02513	100	FAM channel	Cy5 channel
DVEV02553	50	FAM channel	Cy5 channel
DVEV02511	100	FAM channel	VIC/HEX channel
DVEV02551	50	FAM channel	VIC/HEX channel

### Kit contents:

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

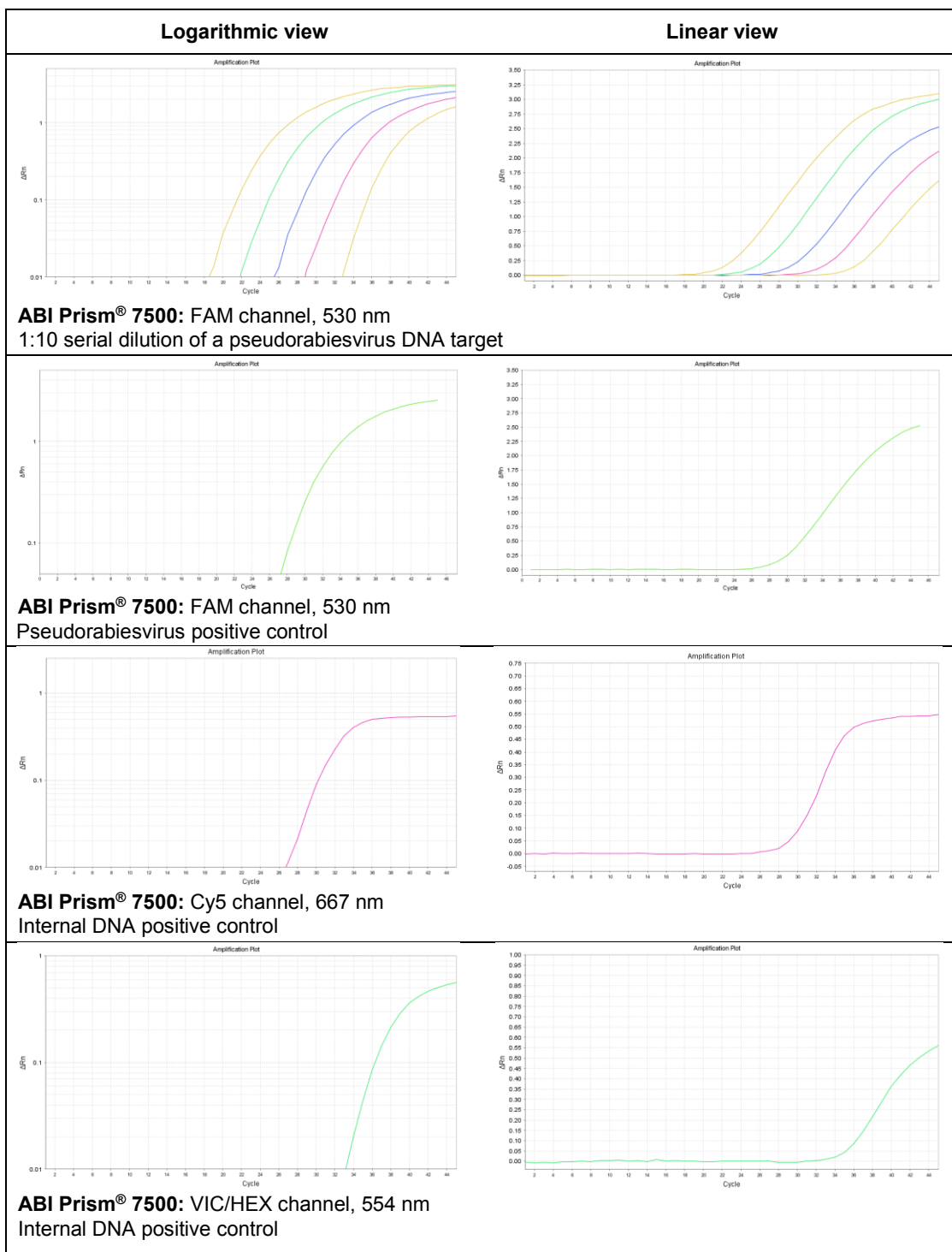


**Background:** Pseudorabiesvirus (PRV) is a swine DNA herpesvirus of the *Alphaherpesvirinae* subfamily. It is also known as suid herpesvirus 1 (SHV-1), or by its original name, Aujeszky's disease virus. The pig is the principal reservoir host, but the virus may also infect other mammals like cattle, little ruminants, carnivores and rodents. It is not pathogenic for humans. In swine, Aujeszky's disease shows itself under three forms: a nervous form, a respiratory form or a genital form. In latently infected pigs, pseudorabiesvirus persists primarily in the trigeminal or sacral ganglia and the tonsils. In other mammals, it causes infection of the central nervous system with neurologic behavioral changes leading very quickly to death.

**Description:** ViroReal® Kit Pseudorabiesvirus (SHV-1) is based on the amplification and detection of the glycoprotein B gene of SHV-1. It allows the rapid and sensitive detection of DNA of SHV-1 from samples purified from tissues (e.g. tonsils, lymphatic nodes, lungs, brain, spinal cord) and nasal swabs (e.g. with the QIAamp DNA Mini Kit or QIAamp DSP Virus Kit).

**PCR-platforms:** ViroReal® Kit Pseudorabiesvirus (SHV-1) is developed for the ABI PRISM® 7500 instrument (Life Technologies), LightCycler® 480 (Roche) and Mx3005P® QPCR System (Agilent), but is also suitable for other real-time PCR instruments.

**Sensitivity and specificity:** ViroReal® Kit Pseudorabiesvirus (SHV-1) detects at least 10 target copies/PCR reaction and is specific for SHV-1.



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

For further information on our products please visit our homepage ([www.ingenetix.com](http://www.ingenetix.com))