ViroReal® Kit Bovine Herpesvirus 1

For veterinary use only

ViroReal® Kit Bovine Herpesvirus 1			
Order no.	Reactions	Pathogen	Internal positive control
DVEV02913	100	FAM channel	Cy5 channel
DVEV02953	50	FAM channel	Cy5 channel
DVEV02911	100	FAM channel	VIC/HEX channel
DVEV02951	50	FAM channel	VIC/HEX channel

Kit contents:
- Detection assay for BHV-1
- Detection assay for internal positive control (control of amplification)
- DNA reaction mix (contains uracil-N glycosylase, UNG)
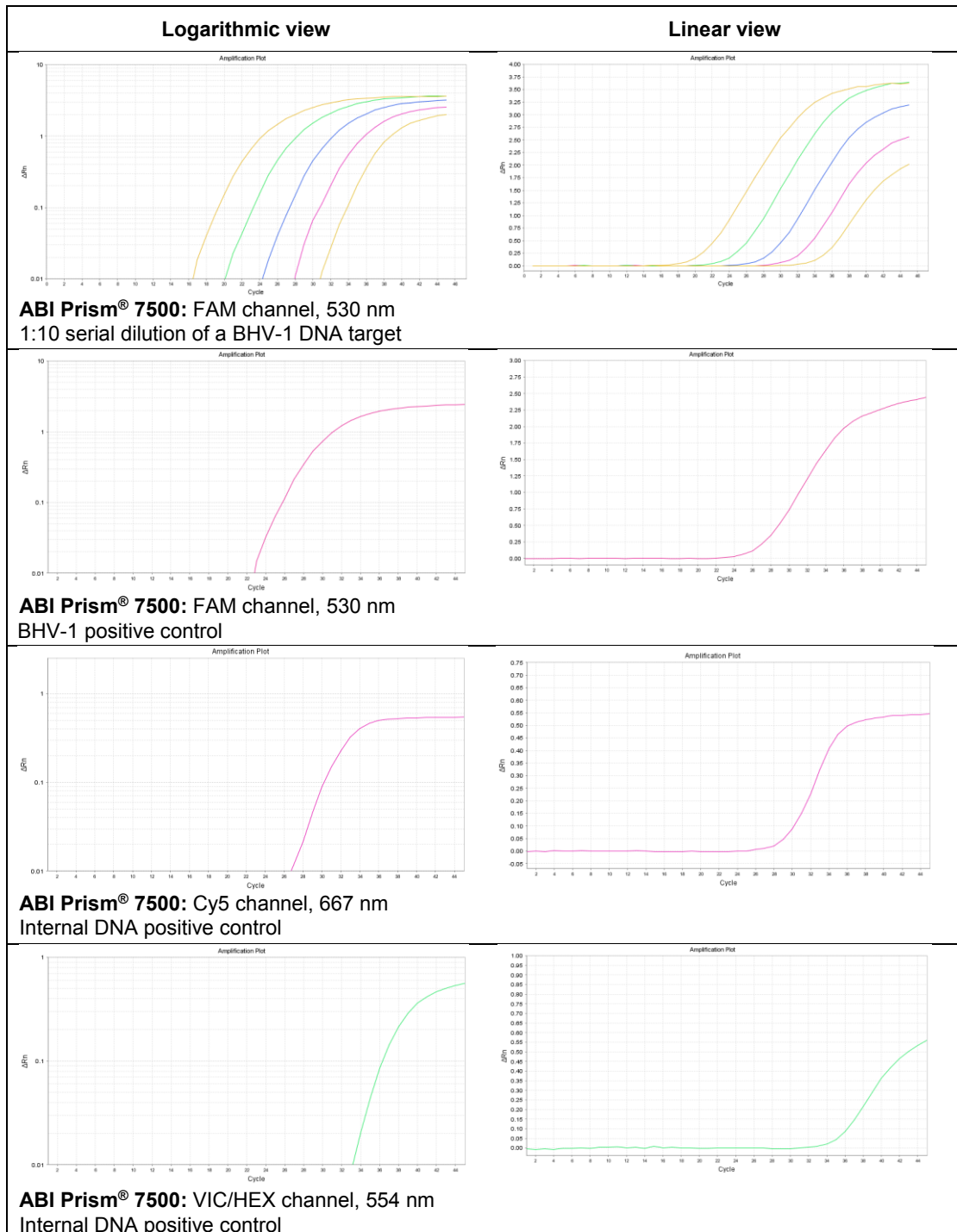- Positive control for BHV-1
- Water

Background: Bovine herpesvirus 1 (BHV-1) is a DNA virus of the family *Herpesviridae*, subfamily *Alphaherpesvirinae*. BHV-1 can cause both clinical and subclinical infections in cattle, including infectious bovine rhinotracheitis (IBR), infectious pustular vulvovaginitis (IBV) and infectious balanoposthitis (IBP). BHV-1 causes a lifelong latent infection in the trigeminal or sacral ganglia. Animals with a latent BHV-1 infection may serve as a source of infection for susceptible animals. BHV-1 is transmitted mainly through respiratory, ocular or genital secretions.

Description: ViroReal® Kit Bovine Herpesvirus 1 is based on the amplification and detection of the UL27 gene of BHV-1. It allows the rapid and sensitive detection of DNA of BHV-1 from samples purified from tissues and swabs (e.g. with the QIAamp DNA Mini Kit or QIAamp DSP Virus Kit).

PCR-platforms: ViroReal® Kit Bovine Herpesvirus 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 Bovine Herpesvirus 1 detects at least 10 target copies/PCR reaction and is specific for BHV-1.

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Product description v1.0e

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Logarithmic view	Linear view

ABI Prism® 7500: FAM channel, 530 nm
1:10 serial dilution of a BHV-1 DNA target

ABI Prism® 7500: FAM channel, 530 nm
BHV-1 positive control

ABI Prism® 7500: Cy5 channel, 667 nm
Internal DNA positive control

ABI Prism® 7500: VIC/HEX channel, 554 nm
Internal DNA positive control

**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)