

ViroReal[®] Kit BRSV



For veterinary use only

ViroReal[®] Kit BRSV

Order no.	Reactions	Pathogen	Internal positive control
DVEV02413	100	FAM channel	Cy5 channel
DVEV02453	50	FAM channel	Cy5 channel
DVEV02411	100	FAM channel	VIC/HEX channel
DVEV02451	50	FAM channel	VIC/HEX channel

Kit contents:

- Detection assay for bovine respiratory syncytial virus (BRSV)
- Detection assay + target for internal RNA positive control (control of RT-PCR amplification and/or RNA extraction)
- RNA reaction mix for one-step reverse transcription real-time PCR
- Nuclease-free water
- Positive control (RNA) for BRSV

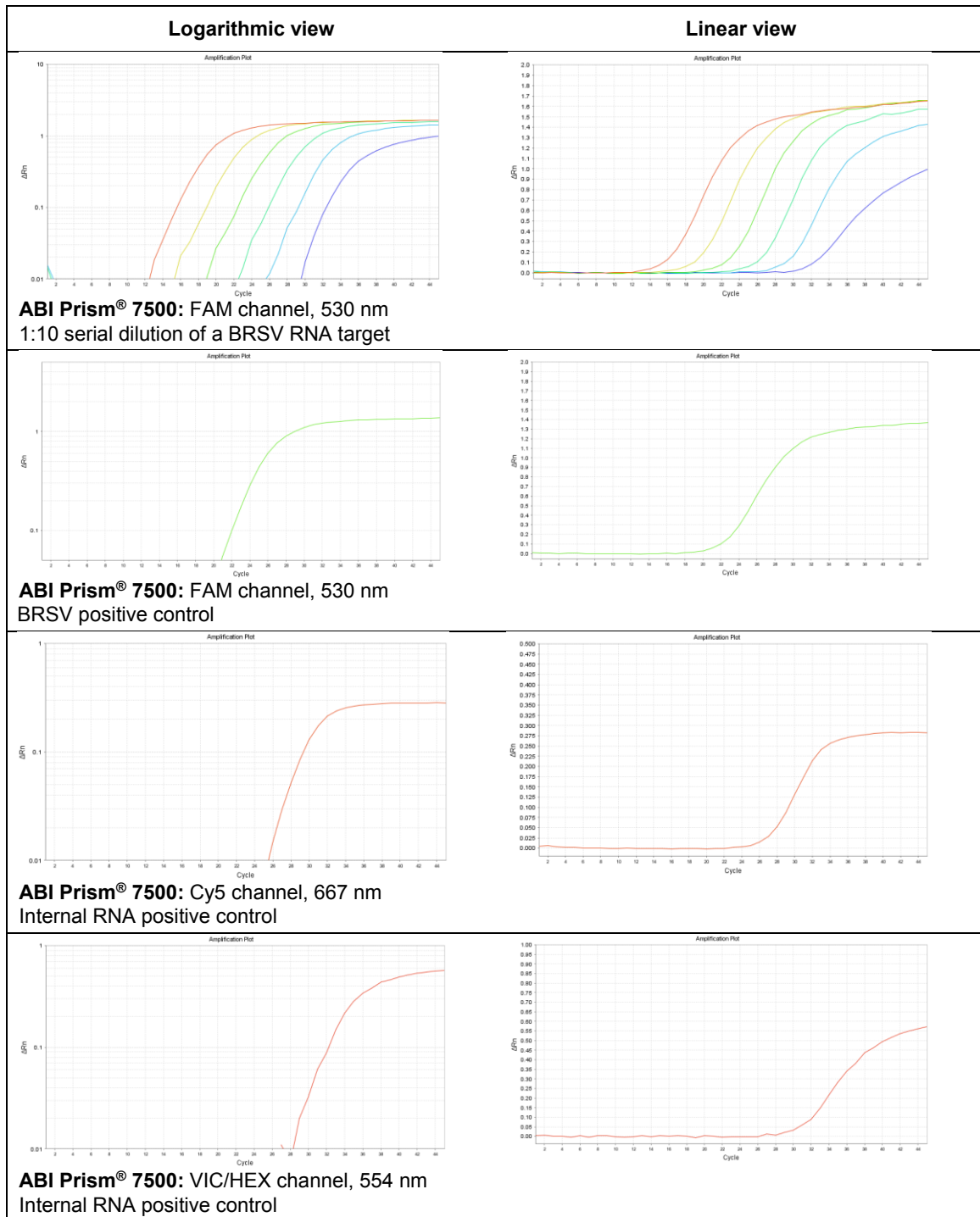


Background: Bovine respiratory syncytial virus (BRSV) is an enveloped, non-segmented, single-stranded negative sense ((-)ssRNA) RNA virus that causes respiratory tract infections in cattle. It is an important virus in the bovine respiratory disease complex, affecting mostly young beef and dairy cattle. In stressful periods such as transportation or if co-infections are present (which is often the case in RSV infections), severe forms of pneumonia may develop. Treatment of co-infections with antibiotics, as well as disease control measurements are indicated.

Description: ViroReal[®] Kit BRSV is based on the amplification and detection of the nucleoprotein (N) gene of bovine respiratory syncytial virus (BRSV) by one-step reverse transcription real-time PCR (RT PCR). It allows the rapid and sensitive detection of BRSV RNA purified from samples of the respiratory tract (e.g. with the QIAamp Viral RNA Mini Kit, Qiagen).

PCR-platforms: ViroReal[®] Kit BRSV 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 BRSV detects at least 50 target copies/PCR reaction and is specific for BRSV.



**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)