

# ViroReal® Kit MERS-CoV



For veterinary use only

## ViroReal® Kit MERS-CoV

Order no.	Reactions	Pathogen	Internal positive control
DVEV03013	100	VIC/HEX channel	Cy5 channel
DVEV03053	50	VIC/HEX channel	Cy5 channel

### Kit contents:

- Detection assay for Middle East Respiratory Syndrome Coronavirus (MERS-CoV)
- 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 MERS-CoV

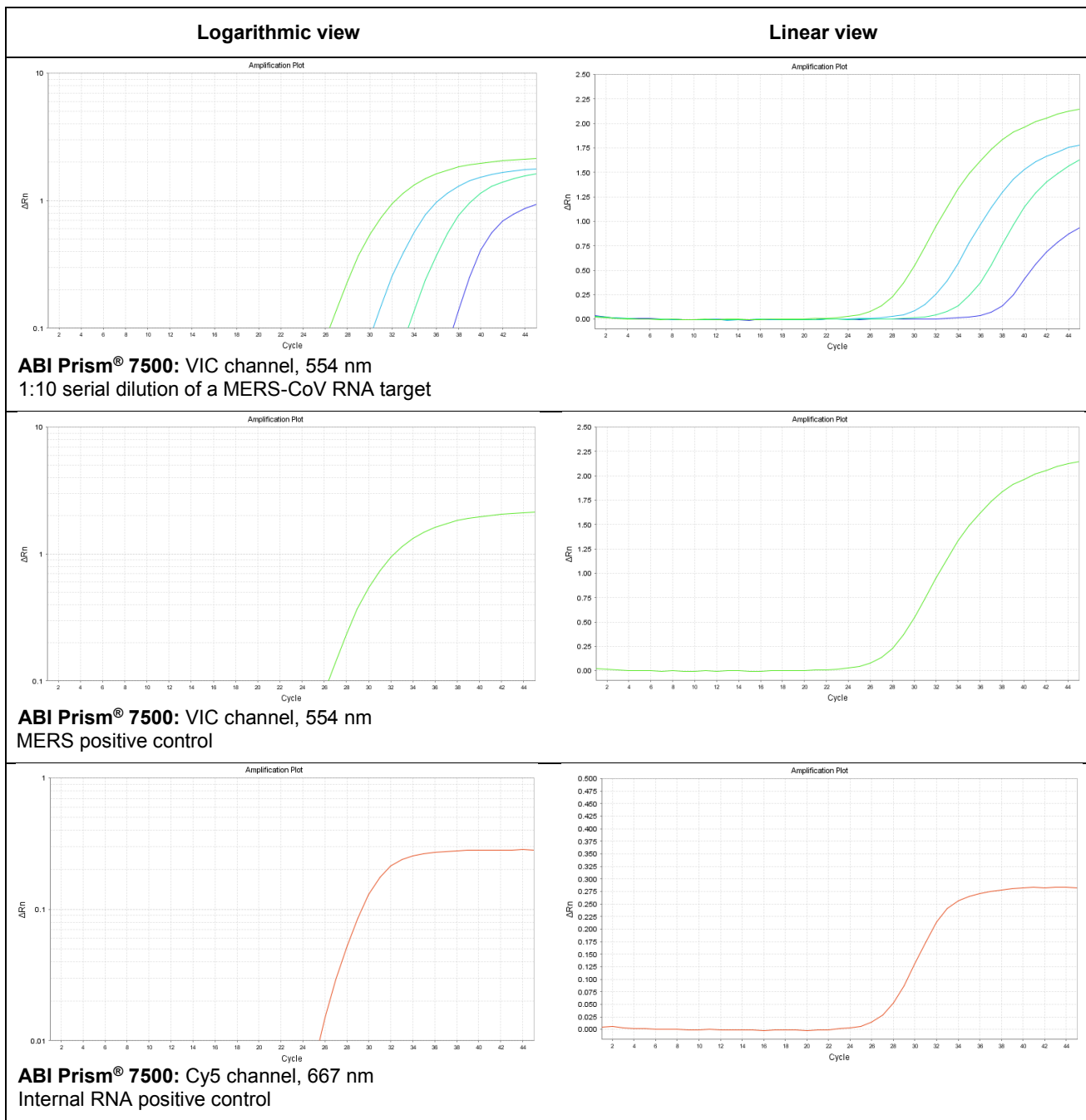


**Background:** Middle East Respiratory Syndrome Coronavirus (MERS-CoV) is a beta coronavirus causing Middle East Respiratory Syndrome (MERS), a zoonotic and severe respiratory disease in humans. To date, MERS-CoV has only been isolated from dromedary camels and humans. In humans it was first identified in April 2012. Camels are a likely primary source of the MERS-CoV infection in humans.

**Description:** ViroReal® Kit MERS-CoV is based on the amplification and detection of the nucleocapsid (N) gene of Middle East Respiratory Syndrome Coronavirus (MERS-CoV) by one-step reverse transcription real-time PCR (RT PCR). It allows the rapid and sensitive detection of MERS-CoV RNA purified from samples of the respiratory tract (e.g. with the QIAamp Viral RNA Mini Kit, Qiagen).

**PCR-platforms:** ViroReal® Kit MERS-CoV 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.

**Specificity:** ViroReal® Kit MERS-CoV is specific for MERS-CoV.



**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))