ViroReal® Kit RHDV

For veterinary use only

ViroReal® Kit RHDV			
Order no.	**Reactions**	**Pathogen**	**Internal positive control**
DVEV03113	100	FAM channel	Cy5 channel
DVEV03153	50	FAM channel	Cy5 channel
DVEV03111	100	FAM channel	VIC/HEX channel
DVEV03151	50	FAM channel	VIC/HEX channel

Kit contents:

- Detection assay for RHDV
- 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
- RNA positive control for RHDV

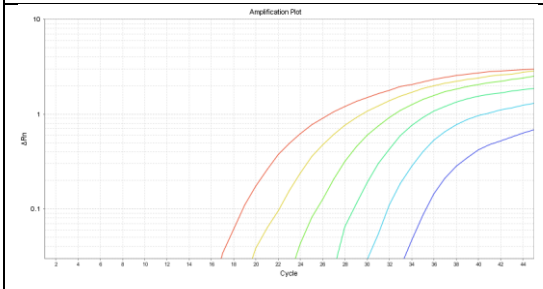
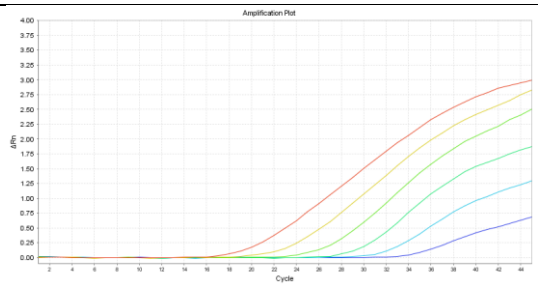
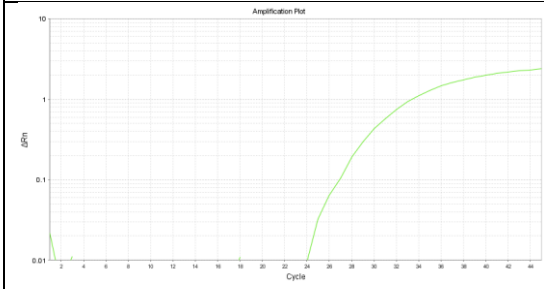
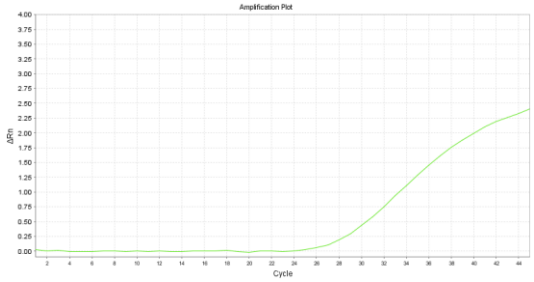
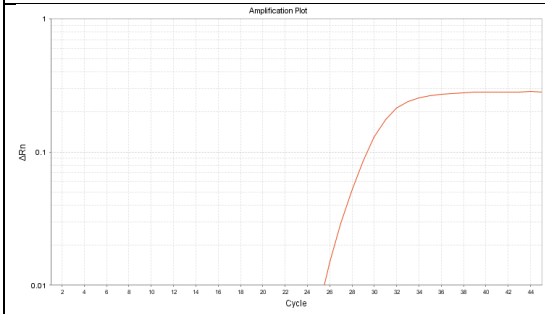
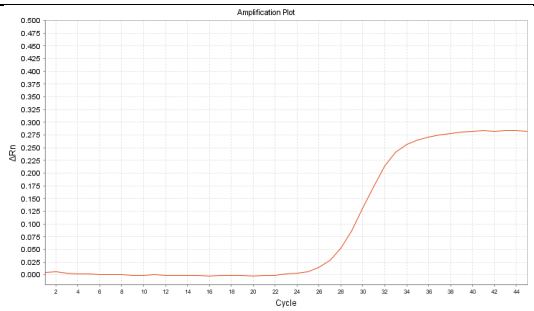
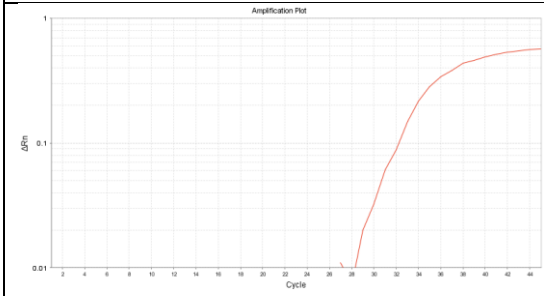
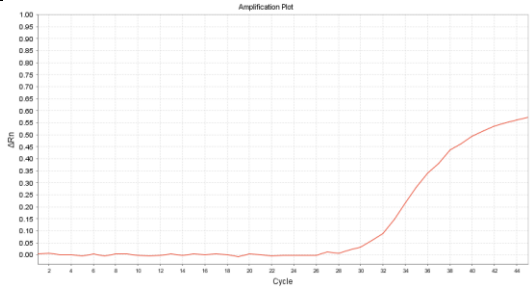
Background: Rabbit haemorrhagic disease virus (RHDV), also called rabbit calicivirus (RCV) or european brown hare virus is a nonenveloped, positive-sense, single-stranded RNA calicivirus of the genus *Lagovirus* that causes rabbit haemorrhagic disease (RHD). This disease was first reported in China in 1984 and is a highly contagious and fatal disease for European rabbit (*Oryctolagus cuniculus*). There exist three distinct groups: the classic RHDV with the genogroups G1–G5 isolated from 1984 onwards, the antigenic variant RHDVa/G6 identified in 1996, and RHDV2 identified in 2010.

Description: ViroReal® Kit RHDV is based on the amplification and detection of the capsid protein gene vp60 of rabbit haemorrhagic disease virus (RHDV) by one-step reverse transcription real-time PCR (RT PCR). This kit detects both subtypes RHDV1 and RHDV2. It allows the rapid and sensitive detection of RHDV RNA purified from tissues (e.g. spleen, liver), feces, urine and blood (e.g. with the QIAamp Viral RNA Mini Kit, Qiagen).

PCR-platforms: ViroReal® Kit RHDV is developed for the ABI PRISM® 7500 instrument (Thermo Fisher Scientific), LightCycler® 480 (Roche) and Mx3005P® QPCR System (Agilent), but is also suitable for other real-time PCR instruments.

Sensitivity and specificity: ViroReal® Kit RHDV detects at least 100 target copies/reaction. It is specific for RHDV and detects both subtypes RHDV1 and RHDV2.

ingenetix GmbH
Arsenalstraße 11, 1030 Vienna, Austria
T +43(0)1 36 198 0 198
F +43(0)1 36 198 0 199
office@ingenetix.com
www.ingenetix.com

Logarithmic view	Linear view
	
ABI Prism® 7500: FAM channel, 530 nm 1:10 serial dilution of a RHDV target	
	
ABI Prism® 7500: FAM channel, 530 nm RHDV positive control	
	
ABI Prism® 7500: Cy5 channel, 667 nm Internal RNA positive control	
	
ABI Prism® 7500: VIC/HEX channel, 554 nm Internal RNA positive control	

ViroReal®, BactoReal® and ParoReal 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)

ingenetix GmbH
Arsenalstraße 11, 1030 Vienna, Austria
T +43(0)1 36 198 0 198
F +43(0)1 36 198 0 199
office@ingenetix.com
www.ingenetix.com