

ViroReal® Kit HDV



For research use only

ViroReal® Kit HDV			
Order no.	Reactions	Pathogen	Internal positive control
DHUV00953	50	FAM channel	Cy5 channel

Kit contents:

- Detection assay for human hepatitis D virus (HDV)
- 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 (DNA) for HDV

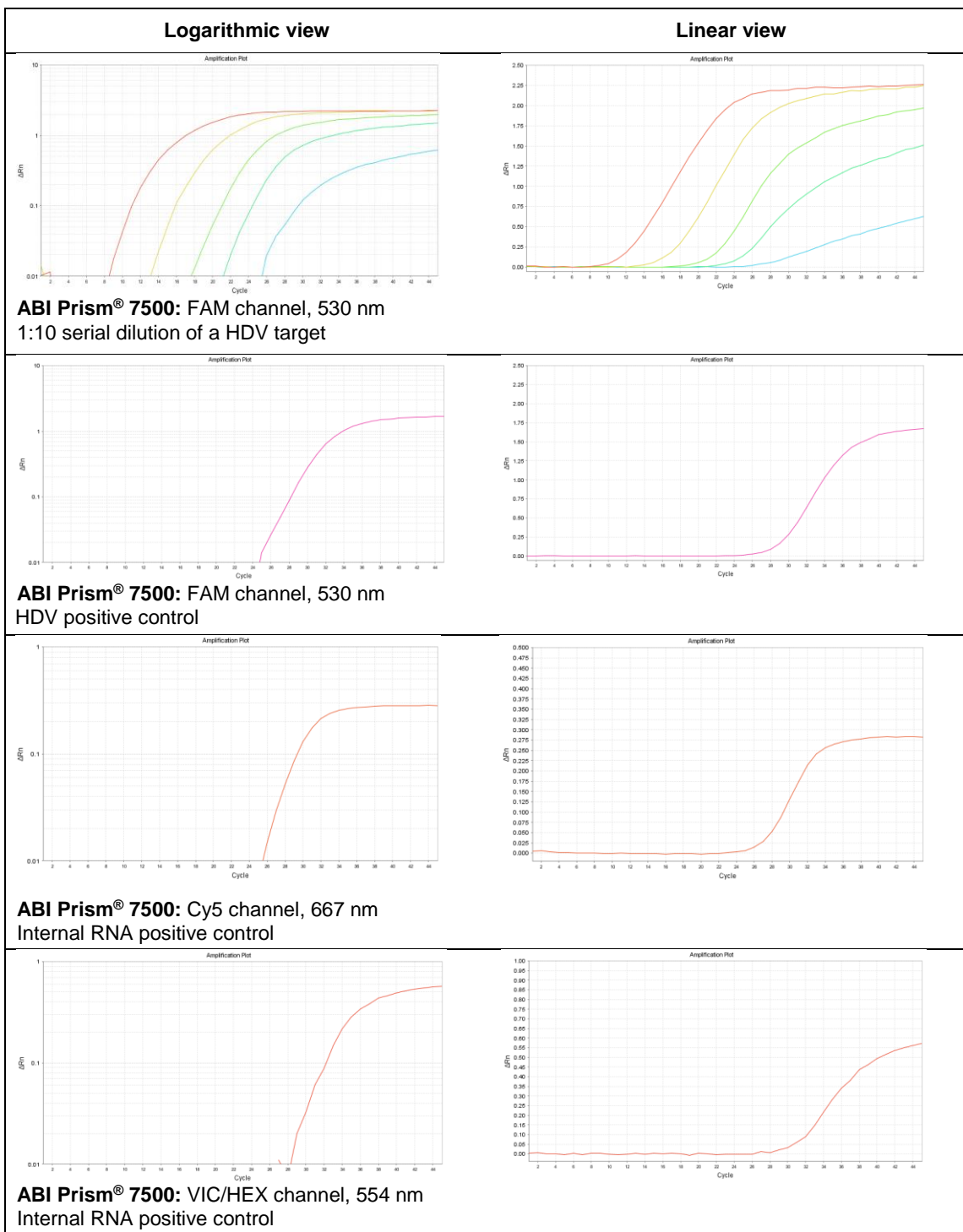


Background: Hepatitis D Virus is considered a subviral satellite which depends on Hepatitis B Virus for propagation. Thus it is exclusively affecting patients with already existing Hepatitis B infection. The virus has a worldwide distribution (especially genotype 1, referred to as HDV-I); certain genotypes are endemic in distinct areas, such as the Far East (genotypes IIA and IIB, referred to as HDV-2 and HDV-4, respectively), South America (genotype III, referred to as HDV-3) and Western and Central Africa (genotypes 5, 6, and 7, referred to as HDV-5, HDV-6, and HDV-7, respectively). HDV is causative agent of fulminant hepatitis and may aggravate chronic hepatitis B infection resulting in cirrhosis and liver failure. It is transmitted through body fluids.

Description: ViroReal® Kit HDV is based on the amplification and detection of RNA of HDV by one-step reverse transcription real-time PCR (RT PCR). It allows the rapid and sensitive detection of HDV RNA purified from blood (e.g. with the QIAamp Viral RNA Mini Kit, Qiagen).

PCR-platforms: ViroReal® Kit HDV 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 HDV is specific for HDV.



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

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