



Sexually  
Transmitted  
Infections



Neuroinfections



Immunocompromised  
Transplanted

# GeneProof

## GeneProof Herpes Simplex Virus 2 (HSV-2) PCR Kit



### UNIVERSAL PCR PROFILE

- Easily combinable with other PCR kits from the Immunocompromised / Transplanted, Neuroinfections and Sexually Transmitted Infections groups
- Simplifies laboratory workflow

### CONTAMINATION ELIMINATION

- Ready-to-Use Master Mix contains Uracil-DNA glycosylase (UNG) and dUTPs eliminating possible contamination with amplification products

### QUALITATIVE AND QUANTITATIVE DETECTION

- Quantification of viral load provides additional information for management of HSV infection



COMPATIBLE WITH A WIDE  
RANGE OF REAL-TIME PCR  
DEVICES



CERTIFIED  
DIAGNOSTIC TEST

[www.geneproof.com](http://www.geneproof.com)

GUARANTEED CONTROL OVER THE COMPLETE PROCESS  
OF DEVELOPMENT, MANUFACTURING AND DISTRIBUTION  
OF ALL THE OFFERED GENEPROOF PRODUCTS



# GeneProof Herpes Simplex Virus 2 (HSV-2) PCR Kit

- + Human Herpesvirus 6/7 (HHV-6/7) PCR Kit
- + Herpes Simplex Virus 1 (HSV-1) PCR Kit
- + Aspergillus PCR Kit
- + Cytomegalovirus (CMV) PCR Kit
- + Herpes Simplex Virus 2 (HSV-2) PCR Kit
- + BK/JC Virus (BK/JC) PCR Kit
- + Epstein-Barr Virus (EBV) PCR Kit
- + Herpes Simplex Virus (HSV-1/2) PCR Kit
- + Parvovirus B19 PCR Kit
- + Varicella Zoster Virus (VZV) PCR Kit
- + Human Herpesvirus 8 (HHV-8) PCR Kit

TECHNOLOGY	real-time PCR
TYPE OF ANALYSIS	qualitative and quantitative
TARGET SEQUENCE	specific conservative DNA sequence of a single-copy encoding the glycoprotein B (gB)
ANALYTICAL SPECIFICITY	Herpes simplex virus type 2 (HSV-2), 100%
ANALYTICAL SENSITIVITY (LOD)	reaches up to 197.215 cp/ml with the probability of 95% (on AcroMetrix™ HSV-2 Plasma Panel using manual extraction GeneProof PathogenFree DNA Isolation Kit)
LINEAR RANGE	10 <sup>10</sup> - 10 <sup>2.5</sup> cp/ml with precision of ± 0.5 log
REPORTING UNITS	cp/μl
CONVERSION FACTOR	not applicable
METROLOGICAL TRACEABILITY	AcroMetrix™ HSV-2 Plasma Panel (AcroMetrix HSV-2)
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	whole blood, plasma, urine, CSF
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHOD	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit
INSTRUMENTS	croBEE Real-Time PCR System* Applied Biosystems 7300 / 7500 Real-Time PCR System AriaMx Real-Time PCR System CFX Connect™ / CFX96™ / Dx Real-Time PCR Detection System LightCycler® 2.0 / 480 LineGene 9600 / 9600 Plus Mic qPCR Cyclers QuantStudio™ 3 / 5 Real-Time PCR System Rotor-Gene 3000 / 6000 / Q SLAN® Real-Time PCR System StepOne™ / StepOnePlus™ Real-Time PCR System
REQUIRED DETECTION CHANNELS	FAM, HEX
EXTERNAL QUALITY ASSESSMENT	regularly tested by QCMD and Instand e.V. External Quality Assessment Panels - results at <a href="http://www.geneproof.com">www.geneproof.com</a>
REGULATORY STATUS	CE IVD

\*Validated instruments

PRODUCT NAME	TECHNOLOGY	ORDER NO.		
		25 REACTIONS	50 REACTIONS	100 REACTIONS
GeneProof Herpes Simplex Virus 2 (HSV-2) PCR Kit	real-time PCR	HSV2/ISEX/025	HSV2/ISEX/050	HSV2/ISEX/100