



Neuroinfections



Immunocompromised
Transplanted

GeneProof

GeneProof BK/JC Virus (BK/JC) PCR Kit



MORE INFORMATION WITH LESS SAMPLES

- Detects and distinguishes BK virus and JC virus in a single reaction tube
- Enables qualitative and quantitative detection of both viruses

CONTAMINATION ELIMINATION

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

UNIVERSAL PCR PROFILE

- Easily combinable with other PCR kits from the Immunocompromised / Transplanted and Neuroinfections group
- Simplifies laboratory workflow



COMPATIBLE WITH A WIDE RANGE OF REAL-TIME PCR DEVICES



CERTIFIED DIAGNOSTIC TEST

www.geneproof.com

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



GeneProof BK/JC Virus (BK/JC) 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	the specific conservative DNA sequence overlapping the boundary between the gene for the VP1 and VP2 proteins
ANALYTICAL SPECIFICITY	BK virus, 100% JC virus, 100%
ANALYTICAL SENSITIVITY (LOD)	Reaches up to 0.684 cp/μl with the probability of 95 %
LINEAR RANGE	10 ¹⁰ cp/ml - 10 ² cp/ml with precision of ± 0.5 log
REPORTING UNITS	cp/μl
CONVERSION FACTOR	not applicable
METROLOGICAL TRACEABILITY	BKV Molecular ,Q' Panel (Qnostics BKV) JCV Molecular ,Q' Panel (Qnostics JCV)
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	CSF, plasma, urine, whole blood
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHODS	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit
INSTRUMENTS	croBEE Real-Time PCR System* Applied Biosystems 7500 Real-Time PCR System AriaMx Real-Time PCR System CFX96™ / Dx Real-Time PCR Detection System LightCycler® 480 LineGene 9600 / 9600 Plus Mic qPCR Cyclers QuantStudio™ 5 Real-Time PCR System Rotor-Gene 3000 / Q SLAN® Real-Time PCR System
REQUIRED DETECTION CHANNELS	FAM, HEX, Cy5
EXTERNAL QUALITY ASSESSMENT	regularly tested by QCMD and Instand e.V. External Quality Assessment panels - results at www.geneproof.com
REGULATORY STATUS	CE IVD

* Validated instruments

PRODUCT NAME	TECHNOLOGY	ORDER NO.		
		25 REACTIONS	50 REACTIONS	100 REACTIONS
GeneProof BK/JC Virus (BK/JC) PCR Kit	real-time PCR	BKJC/ISEX/025	BKJC/ISEX/050	BKJC/ISEX/100