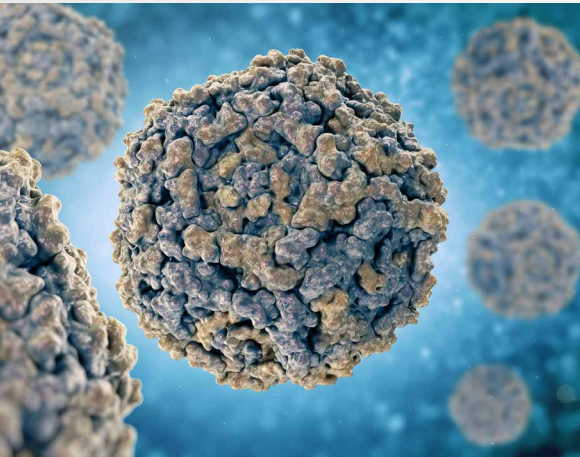




GeneProof

GeneProof Parvovirus B19 PCR Kit



HIGH SENSITIVITY AND TRACEABILITY

- Sensitivity was established with certified strain (NIBSC 3rd WHO International standard 12/208)

PRECISE QUANTITATIVE DETECTION

- Precise and fully traceable quantification according NIBSC 3rd WHO International standard 12/208

CONTAMINATION ELIMINATION

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



COMPATIBLE WITH A WIDE
RANGE OF REAL-TIME PCR
DEVICES



CERTIFIED
DIAGNOSTIC TEST



GeneProof Parvovirus B19 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 gene encoding VP1 protein (capsid protein)
ANALYTICAL SPECIFICITY	Parvovirus B19, 100 %
ANALYTICAL SENSITIVITY (LOD)	reaches up to 90.29 IU/ml with the probability of 95 % (on Parvovirus B19 NIBSC 12/208 using manual extraction GeneProof PathogenFree DNA Isolation Kit) reaches up to 156.7 IU/ml with the probability of 95 % (on Parvovirus B19 NIBSC 12/208 using automatic extraction croBEE NA16 Nucleic Acid Extraction System)
LINEAR RANGE	10 ⁸ - 10 ^{2.5} IU/ml with precision of ± 0.5 log (using manual extraction GeneProof PathogenFree DNA Isolation Kit or automatic extraction croBEE NA16 Nucleic Acid Extraction System)
DYNAMIC RANGE	10 ⁸ - 90.29 IU/ml (using manual extraction GeneProof PathogenFree DNA Isolation Kit) 10 ⁸ - 156.7 IU/ml (using automatic extraction croBEE NA16 Nucleic Acid Extraction System)
REPORTING UNITS	IU/μl
CONVERSION FACTOR	1 IU = 1.6 cp
METROLOGICAL TRACEABILITY	Parvovirus B19 NIBSC 12/208
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	plasma, 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 7300 / 7500 Real-Time PCR System CFX Connect™ / CFX96™ / Dx Real-Time PCR Detection System LightCycler 480 LineGene 9600 Plus Mic qPCR Cycler Rotor-Gene 3000 / 6000 / Q SLAN® 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 www.geneproof.com
REGULATORY STATUS	CE IVD

PRODUCT NAME	TECHNOLOGY	ORDER NO.		
		25 REACTIONS	50 REACTIONS	100 REACTIONS
GeneProof Parvovirus B19 PCR Kit	real-time PCR	B19/ISEX/025	B19/ISEX/050	B19/ISEX/100