

GeneProof Enterovirus PCR Kit





COMPLIANCE WITH ENPEN REQUIREMENTS

- Amplification of a single-copy 5' UTR RNA sequence which is required as the target sequence by European non-polio enterovirus network (ENPEN)
- Suitable for using as a primary screening method

DETECTION OF ALL HUMAN ENTEROVIRUS SPECIES

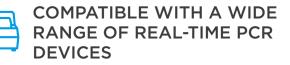
- The kit enables detection of *Enterovirus* species A-D including *Coxsackievirus*, *Echovirus*, *Enterovirus*, *Poliovirus* and the newly discovered *Enterovirus* group EV-C104 with nucleotide changes in 5´-UTR sequence.
- The kit does not include *Rhinovirus* detection

QUALITATIVE AND SEMIQUANTITATIVE DETECTION

• Monitoring of pathogen level in time

CONTAMINATION ELIMINATION

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





www.geneproof.com

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



GeneProof Enterovirus PCR Kit

- + GeneProof Adenovirus PCR Kit
- + GeneProof Aspergillus PCR Kit
- + GeneProof Bordetella pertussis/ parapertussis PCR Kit
- + GeneProof Enterovirus PCR Kit
- + GeneProof Flu Multiplex PCR Kit
- + GeneProof Chlamydia
- pneumoniae PCR Kit + GeneProof Legionella
- pneumophila PCR Kit + GeneProof Mycoplasma
- pneumoniae PCR Kit
- + GeneProof Mycobacterium tuberculosis PCR Kit
- + GeneProof SARS-CoV-2 PCR Kit
- + GeneProof SARS-CoV-2 Screening PCR Kit
- + GeneProof SARS-CoV-2 RdRp Confirmatory PCR Kit

TECHNOLOGY real-time PCR TYPE OF ANALYSIS qualitative and semiquantitative TARGET SEQUENCE specific single copy 5' UTR RNA sequence ANALYTICAL SPECIFICITY Enterovirus A-D, 100% ANALYTICAL SENSITIVITY (LOD) reaches up to 158.34 cp/µl with the probability of 95% (on Amplirun" Enterovirus 68 RNA control, Vircell) reaches up to 0.57 cp/µl with the probability of 95% (on Amplirun" Enterovirus 71 RNA control, Vircell) reaches up to 0.59 cp/µl with the probability of 95% (on Amplirun" Enterovirus 71 RNA control, Vircell) REPORTING UNITS cp/µl DIAGNOSTIC SPECIFICITY 100.00 % (Cl ₉₆ ; 93.75 % - 100.00 %) DIAGNOSTIC SPECIFICITY 93.75 % (Cl ₉₆₀ ; 90.63 % - 96.88 %) EXTRACTION/INHIBITION CONTROL PCR inhibition and RNA extraction efficiency control (ISEX version) VALIDATED SPECIMEN CSF, stool", swab only in combination with NucleoSpin" RNA Stool or croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree RNA Isolation Kit NucleoSpin" RNA Stool INSTRUMENTS CroBEE Real-Time PCR System CFX Connect" / CFX96"/ Dx Real-Time PCR System CFX Connect" / CFX96						
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EXTERNAL QUALITY ASSESSMENT regularly tested by QCMD and Instand e.V. External Quality Assessment Panels - results at www.geneproof.com	INSTRUMENTS	Applied Biosystems 7300 / 7500 Real-Time PCR System AriaMx 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				
	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	CEIVD				

* Validated instruments

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

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