



Neuroinfections



Respiratory  
Infections

# GeneProof

## 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



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 Enterovirus PCR Kit

- + GeneProof Adenovirus PCR Kit
- + GeneProof Aspergillus PCR Kit
- + GeneProof Bordetella pertussis/parapertussis PCR Kit
- + GeneProof Enterovirus PCR Kit
- + GeneProof Chlamydia pneumoniae PCR Kit
- + GeneProof Legionella pneumophila PCR Kit
- + GeneProof Flu Multiplex PCR Kit
- + GeneProof Mycoplasma pneumoniae PCR Kit
- + GeneProof Mycobacterium tuberculosis PCR Kit

<b>TECHNOLOGY</b>	real-time PCR
<b>TYPE OF ANALYSIS</b>	qualitative and semiquantitative
<b>TARGET SEQUENCE</b>	specific single copy 5' UTR RNA sequence
<b>ANALYTICAL SPECIFICITY</b>	Enterovirus A-D, 100%
<b>ANALYTICAL SENSITIVITY (LOD)</b>	reaches up to 158.34 cp/μl with the probability of 95% (on Amplirun <sup>®</sup> Enterovirus 68 RNA control, Vircell) reaches up to 0.57 cp/μl with the probability of 95% (on Amplirun <sup>®</sup> Enterovirus 71 RNA control, Vircell) reaches up to 0.59 cp/μl with the probability of 95% (on Amplirun <sup>®</sup> Coxsackie B5 RNA control, Vircell)
<b>REPORTING UNITS</b>	cp/μl
<b>EXTRACTION/INHIBITION CONTROL</b>	PCR inhibition and RNA extraction efficiency control (ISEX version)
<b>VALIDATED SPECIMEN</b>	CSF, stool*, swab *only in combination with NucleoSpin <sup>®</sup> RNA Stool or croBEE NA16 Nucleic Acid Extraction System
<b>STORAGE</b>	-20 ± 5 °C
<b>VALIDATED EXTRACTION METHODS</b>	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree RNA Isolation Kit NucleoSpin <sup>®</sup> RNA Stool
<b>INSTRUMENTS</b>	croBEE Real-Time PCR System* Applied Biosystems 7300 / 7500 Real-Time PCR System CFX Connect™ / CFX96™/ Dx Real-Time PCR Detection System LightCycler <sup>®</sup> 480 LineGene 9600 Plus Mic qPCR Cyclers Rotor-Gene 3000 / 6000 / Q SLAN <sup>®</sup> Real-Time PCR System
<b>REQUIRED DETECTION CHANNELS</b>	FAM, HEX
<b>EXTERNAL QUALITY ASSESSMENT</b>	regularly tested by QCMD and Instand e.V. External Quality Assessment Panels - results at <a href="http://www.geneproof.com">www.geneproof.com</a>
<b>REGULATORY STATUS</b>	CE IVD

\* 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