



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

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® Coxsackie B5 RNA control, Vircell)
REPORTING UNITS	cp/μl
DIAGNOSTIC SPECIFICITY	100.00 % (CI _{95%} : 93.75 % - 100.00 %)
DIAGNOSTIC SENSITIVITY	93.75 % (CI _{95%} : 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
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHODS	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree RNA Isolation Kit NucleoSpin® RNA Stool
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® 480 LineGene 9600 Plus Mic qPCR Cyclers 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

* 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