



GeneProof

GeneProof Legionella pneumophila PCR Kit



HIGH SENSITIVITY

- Secured by targeting the multicopy sequence of the 16S rRNA gene

UNIVERSAL PCR PROFILE

- Easily combinable with other PCR kits from the Respiratory Infections group
- Simplifies laboratory workflow

RELIABLE DETECTION OF LEGIONELLA SP.

- Enables detection of *Legionella sp.* using 3-channel system

CONTAMINATION ELIMINATION

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



COMPATIBLE WITH A WIDE RANGE OF REAL-TIME PCR DEVICES



CERTIFIED DIAGNOSTIC TEST



GeneProof Legionella pneumophila 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

TECHNOLOGY	real-time PCR
TYPE OF ANALYSIS	qualitative
TARGET SEQUENCE	the gene encoding 16S rRNA specific for <i>L. pneumophila</i>
ANALYTICAL SPECIFICITY	<i>L. pneumophila</i> , 100%
ANALYTICAL SENSITIVITY (LOD)	reaches up to 0.578 cp/μl with the probability of 95% (on Amplirun® Legionella pneumophila DNA control, Vircell)
EXTRACTION/INHIBITION CONTROLS	PCR Inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	BAL, sputum, swab
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 AriaMx Real-Time PCR System CFX Connect™ / CFX96™ / Dx Real-Time PCR Detection System LightCycler® 2.0 / 480 LineGene 9600 / 9600 Plus Mic qPCR Cyclers QuantStudio™ 3 / 5 Real-Time PCR System Rotor-Gene 3000 / Q SLAN® Real-Time PCR System StepOne™ / StepOnePlus™ 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 Legionella pneumophila PCR Kit	real-time PCR	LP/ISEX/025	LP/ISEX/050	LP/ISEX/100