



# GeneProof<sup>®</sup>

## GeneProof Legionella pneumophila PCR Kit



### HIGH SENSITIVITY

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

### SIMPLE LABORATORY WORKFLOW

- Easily combinable with other GeneProof PCR kits in one workflow

### RELIABLE DETECTION OF LEGIONELLA SP.

- Enables detection of *Legionella sp.* using 2-channel system

### CONTAMINATION PREVENTION

- Master Mix contains Uracil-DNA glycosylase (UNG) and dUTPs eliminating carryover contamination

#### ORDER INFORMATION

REF	PACKAGE
LP/ISEX/025	25 reactions
LP/ISEX/100	100 reactions



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 Flu Multiplex PCR Kit
- + GeneProof Legionella pneumophila PCR Kit

- + GeneProof Mycoplasma pneumoniae PCR Kit
- + GeneProof Mycobacterium tuberculosis PCR Kit

**GENEPROOF COVID-19 SOLUTION**

- + GeneProof SARS-CoV-2 PCR Kit

- + GeneProof SARS-CoV-2 Screening PCR Kit

- + GeneProof SARS-CoV-2 Advanced PCR Kit

INDICATION	<i>in vitro</i> diagnostic medical device
REGULATORY STATUS	CE IVD
INTENDED USER	For professional use in laboratories with trained staff
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
VALIDATED SPECIMEN	<b>BAL, sputum, swab</b>
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHODS	croBEE 201A Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit
INSTRUMENTS	ccroBEE 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 in QCMD and Instand e.V. External Quality Assessment Panels - results at <a href="http://www.geneproof.com">www.geneproof.com</a>