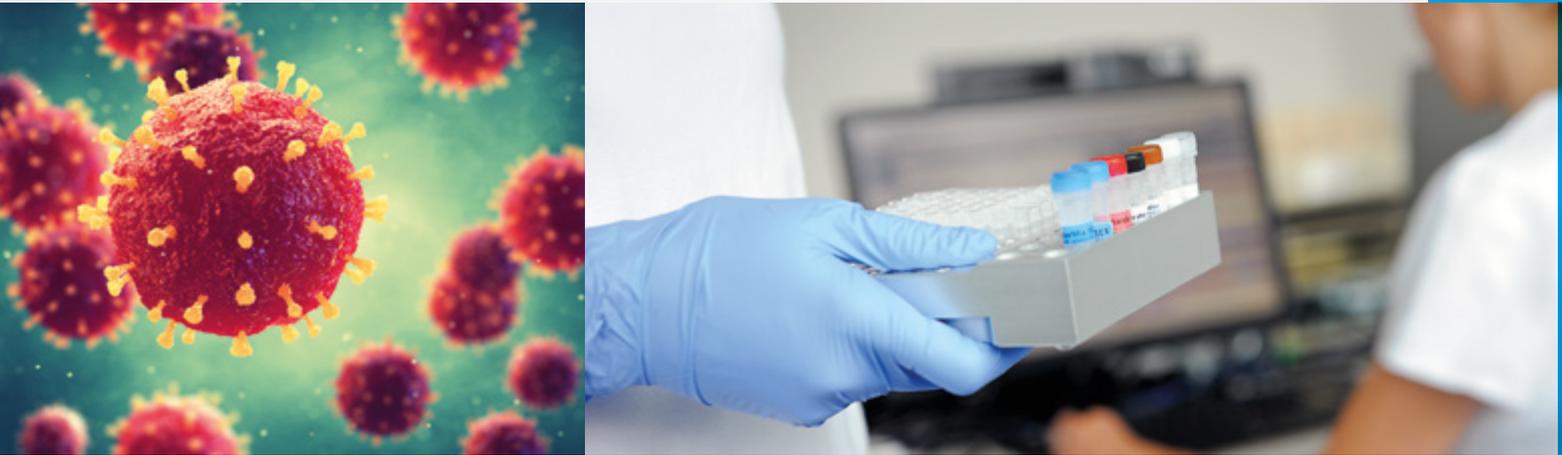




# GeneProof®

## GeneProof Flu Multiplex PCR Kit



### MORE INFORMATION WITH LESS SAMPLES

- Detects and distinguishes *Influenza A*, *Influenza B* and RSV in a single reaction tube
- Suitable for differential diagnostics of infectious agents causing Flu and Flu-like symptoms

### W.H.O. RECOMMENDED DESIGN

- Dual target detection of *Influenza A* (NP gene/M gene) and *Influenza B*

### EASY-TO-USE CONCEPT

- Single tube Ready-to-Use Master Mix contains all components for PCR amplification
- No additional PCR reagents pipetting necessary

### HIGH SPECIFICITY

- Detects all currently known *Influenza A* serotypes including H1N1, H1N1pdm09, H3N2, H5N8 and H7N9
- Detects both *Influenza B* lineages Victoria and Yamagata
- Detects RSV A and RSV B

### CONTAMINATION PREVENTION

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

#### ORDER INFORMATION

REF	PACKAGE
FLU/GP/025	25 reactions
FLU/GP/100	100 reactions



COMPATIBLE WITH A WIDE RANGE OF REAL-TIME PCR DEVICES



CERTIFIED DIAGNOSTIC TEST



# GeneProof Flu Multiplex 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	Specific region in <i>M</i> gene and <i>NP</i> gene for <i>Influenza A</i> virus Two specific regions in <i>HA</i> gene for <i>Influenza B</i> virus Specific region in <i>M</i> gene for <i>Respiratory syncytial virus A</i> and <i>B</i>
ANALYTICAL SPECIFICITY	<i>Influenza A</i> virus, <i>Influenza B</i> virus and <i>Respiratory syncytial virus A</i> and <i>B</i> , 100 %
ANALYTICAL SENSITIVITY (LoD with probability 95 %)	Reaches up to <b>25.75 cp/ml</b> for <i>Influenza A</i> virus (on INFA Medium Q Control, Qnostics, using manual extraction GeneProof PathogenFree RNA Isolation Kit) Reaches up to <b>161.64 cp/ml</b> for <i>Influenza A</i> virus (on INFA Medium Q Control, Qnostics, using automatic extraction croBEE NA16 Nucleic Acid Extraction System) Reaches up to <b>7.25 cp/μl</b> for <i>Influenza B</i> virus (on Amplirun® <i>Influenza B</i> RNA control, Vircell) Reaches up to <b>43.57 cp/μl</b> for <i>Respiratory syncytial virus</i> (on Amplirun® RSV A RNA control, Vircell)
DIAGNOSTIC SPECIFICITY	100.00 % (CI <sub>95%</sub> : 79.95 % - 100.00 %)
DIAGNOSTIC SENSITIVITY	92.31 % (CI <sub>95%</sub> : 80.60 % - 97.51 %)
EXTRACTION/INHIBITION CONTROL	PCR inhibition and RNA extraction efficiency control
VALIDATED SPECIMEN	<b>Aspirate, BAL, swab, transport medium: Sigma MM*, Sigma Virocult*</b>
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHOD	croBEE 201A Nucleic Acid Extraction System GeneProof PathogenFree RNA Isolation Kit
INSTRUMENTS	ccroBEE Real-Time PCR System Applied Biosystems 7500 Real-Time PCR System CFX96™/ Dx Real-Time PCR Detection System AriaMx Real-Time PCR System LineGene 9600 Plus
REQUIRED DETECTION CHANNELS	FAM, HEX, Cy5, TexRed
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>

\*Only in combination with GeneProof PathogenFree RNA Isolation Kit