



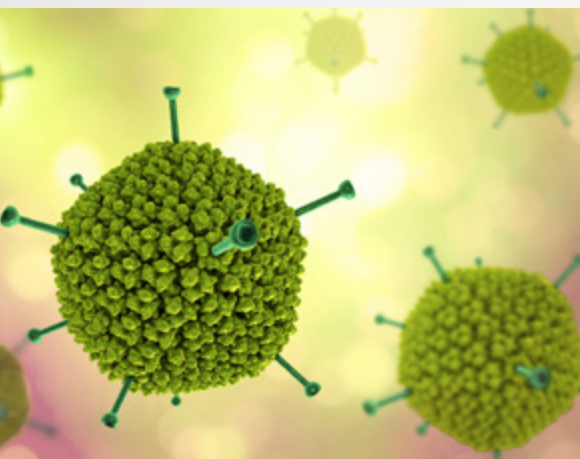
Immunocompromised
Transplanted



Respiratory
Infections

GeneProof®

GeneProof Adenovirus PCR Kit



HIGH SPECIFICITY

- Detection of all human Adenovirus subgroups A – G
- Suitable for use in both respiratory and gastrointestinal infections

WIDE RANGE OF VALIDATED CLINICAL MATERIALS

- Enables detection from a broad spectrum of respiratory and gastrointestinal samples
- Aspirate, plasma, stool, swab, urine, whole blood

EASY-TO-USE CONCEPT

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

CONTAMINATION PREVENTION

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

ORDER INFORMATION

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



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 Adenovirus PCR Kit

- + GeneProof Adenovirus PCR Kit
- + GeneProof Chlamydia pneumoniae PCR Kit
- + GeneProof Mycoplasma pneumoniae PCR Kit
- + GeneProof Aspergillus PCR Kit
- + GeneProof Flu Multiplex PCR Kit
- + GeneProof Mycobacterium tuberculosis PCR Kit
- + GeneProof Bordetella pertussis/parapertussis PCR Kit
- + GeneProof Legionella pneumophila PCR Kit
- + GeneProof Enterovirus 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 and quantitative	
TARGET SEQUENCE	Highly conservative DNA sequence of <i>E2B</i> gene	
ANALYTICAL SPECIFICITY	Adenovirus, 100 %	
ANALYTICAL SENSITIVITY (LoD with probability 95 %)	81.41 cp/ml (on AcroMetrix™ Adenovirus Plasma Panel using manual extraction GeneProof PathogenFree DNA Isolation Kit) 2371.645 cp/ml (on Qnostics ADV Molecular ,Q' Panel using manual extraction GeneProof PathogenFree DNA Isolation Kit)	
DIAGNOSTIC SPECIFICITY	87.98 % (CI _{95%} : 82.16 % - 92.15 %)	
DIAGNOSTIC SENSITIVITY	100.00 % (CI _{95%} : 91.11 % - 100.00 %)	
LINEAR RANGE	10 ³ - 10 ^{2.5} cp/ml with precision ± 0.5 log (using AcroMetrix™ Adenovirus Plasma Panel) 10 ¹⁰ - 5x10 ³ cp/ml with precision ± 0.5 log (using Qnostics ADV Molecular ,Q' Panel)	
DYNAMIC RANGE	10 ¹⁰ - 81.41 cp/ml (using AcroMetrix™ Adenovirus Plasma Panel) 10 ¹⁰ - 2371.645 cp/ml (using Qnostics ADV Molecular ,Q' Panel)	
REPORTING UNITS	cp/ml	
METROLOGICAL TRACEABILITY	Qnostics ADV Molecular ,Q' Panel	
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control	
VALIDATED SPECIMEN	Plasma, stool*, swab, urine, whole blood, aspirate	
STORAGE	-20 ± 5 °C	
VALIDATED EXTRACTION METHOD	croBEE 201A Nucleic Acid Extraction Kit GeneProof PathogenFree DNA Isolation Kit QIAamp DNA Stool Mini Kit	
INSTRUMENTS	croBEE Real-Time PCR System AMPLilab Real-Time PCR System Applied Biosystems 7300 / 7500 Real-Time PCR System AriaMx Real-Time PCR System BioQuant-96 Real-Time PCR System CFX Connect™ / CFX96™ / Dx Real-Time PCR Detection System	Gentier 96E/96R Real-Time PCR System LightCycler® 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/JOE/VIC	
EXTERNAL QUALITY ASSESSMENT	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels - results at www.geneproof.com	

*Only in combination with QIAamp DNA stool Mini Kit