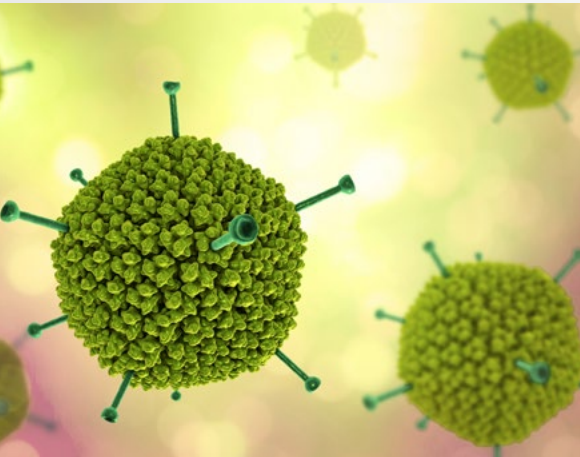




GeneProof

GeneProof Adenovirus PCR Kit



DETECTION OF ALL HUMAN ADENOVIRUS SPECIES

- The kit enables detection of *Adenovirus* respiratory species A-D, G and gastrointestinal species E-F

ASSURANCE BY NATIONAL REFERENCE LABORATORY

- Clinical performance was provided by The National Institute of Public Health (National Reference Laboratory for Influenza)

WIDE RANGE OF VALIDATED CLINICAL MATERIALS

- Validated specimen: aspirate, plasma, stool, swab, urine, whole blood
- Enables detection of both respiratory and gastrointestinal samples

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 Adenovirus PCR Kit

- + GeneProof Adenovirus PCR Kit
- + GeneProof Chlamydia pneumoniae PCR Kit
- + GeneProof Mycoplasma pneumoniae PCR Kit
- + GeneProof Aspergillus PCR Kit
- + GeneProof Legionella pneumophila PCR Kit
- + GeneProof Mycobacterium tuberculosis PCR Kit
- + GeneProof Bordetella pertussis/parapertussis PCR Kit
- + GeneProof Flu Multiplex PCR Kit
- + GeneProof Enterovirus PCR Kit

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)	reaches up to 81.41 cp/ml with the probability of 95% (on AcroMetrix™ Adenovirus Plasma Panel using manual extraction GeneProof PathogenFree DNA Isolation Kit) reaches up to 2371.645 cp/ml with the probability of 95% (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 % (CI _{95%} : 91.11 % - 100 %)
LINEAR RANGE	10 ¹⁰ - 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	1010 - 81.41 cp/ml (using AcroMetrix™ Adenovirus Plasma Panel) 1010 - 2371.645 cp/ml (using Qnostics ADV Molecular 'Q' Panel)
REPORTING UNITS	cp/μl
METROLOGICAL TRACEABILITY	Qnostics ADV Molecular ,Q' Panel
EXTRACTION / INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	plasma, stool*, swab, urine, whole blood * only in combination with QIAamp DNA stool Mini Kit
STORAGE	-20 ± 5 °C
VALIDATED EXTRACTION METHOD	croBEE NA16 Nucleic Acid Extraction System GeneProof PathogenFree DNA Isolation Kit QIAamp DNA Stool Mini 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® 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 Adenovirus PCR Kit	real-time PCR	ADV/ISEX/025	ADV/ISEX/050	ADV/ISEX/100