



Respiratory
Infections



Immunocompromised
Transplanted

GeneProof

GeneProof Aspergillus PCR Kit



HIGH SENSITIVITY

- Secured by targeting the multicopy sequence of the Intergenic spacer ITS2/28S rDNA

DIFFERENTIATION OF ASPERGILLUS TERREUS

- Enables specific antifungal therapy of resistant aspergillosis

CONTAMINATION ELIMINATION

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

HIGH SPECIFICITY

- Detection of a wide range of *Aspergillus* species
- *Aspergillus fumigatus*, *Aspergillus flavus*, *Aspergillus niger*, *Aspergillus clavatus*, *Aspergillus nidulans*, *Aspergillus oryzae*, *Aspergillus ustus*, *Aspergillus versicolor*, *Aspergillus niveus*, *Aspergillus candidus*, *Aspergillus wentii*, *Aspergillus foetidus* with differentiation of *Aspergillus terreus*.



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 Aspergillus PCR Kit

- + Human Herpesvirus 6/7 (HHV-6/7) PCR Kit
- + Herpes Simplex Virus 1 (HSV-1) PCR Kit
- + Aspergillus PCR Kit
- + Cytomegalovirus (CMV) PCR Kit
- + Herpes Simplex Virus 2 (HSV-2) PCR Kit
- + BK/JC Virus (BK/JC) PCR Kit
- + Epstein-Barr Virus (EBV) PCR Kit
- + Herpes Simplex Virus (HSV-1/2) PCR Kit
- + Parvovirus B19 PCR Kit
- + Varicella Zoster Virus (VZV) PCR Kit
- + Human Herpesvirus 8 (HHV-8) PCR Kit

TECHNOLOGY	real-time PCR
TYPE OF ANALYSIS	qualitative
TARGET SEQUENCE	Intergenic spacer ITS2/28S rDNA
ANALYTICAL SPECIFICITY	<i>Aspergillus</i> spp., 100 % <i>Aspergillus terreus</i> , 100 %
ANALYTICAL SENSITIVITY (LOD)	48.837 genome/ml with 95 % probability (based on the analysis carried out in 2015) 31.43 copies/ml with the probability of 95 % (measured on Amplirun® <i>Aspergillus fumigatus</i> DNA control, Vircell, 2019)
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	whole blood, plasma, BAL, sputum, CSF, serum
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 7500 Real-Time PCR System Aria Mx Real-Time PCR System CFX96™/ Dx Real-Time PCR Detection System LightCycler® 480 LineGene 9600/9600 Plus Mic qPCR Cyclers QuantStudio™ 5 Real-Time PCR System Rotor-Gene 3000/Q SLAN® Real-Time PCR System
REQUIRED DETECTION CHANNELS	FAM, HEX, Cy5
EXTERNAL QUALITY ASSESSMENT	regularly tested by QCMD Quality Assessment panel - results at www.geneproof.com
REGULATORY STATUS	CE IVD

*Validated instruments

PRODUCT NAME	TECHNOLOGY	ORDER NO.		
		25 REACTIONS	50 REACTIONS	100 REACTIONS
GeneProof Aspergillus PCR Kit	real-time PCR	ASP/ISEX/025	ASP/ISEX/050	ASP/ISEX/100