



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 PREVENTION

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

EASY-TO-USE CONCEPT

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

SIMPLE LABORATORY WORKFLOW

- Easily combinable with other GeneProof PCR kits in one workflow

ORDER INFORMATION

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



COMPATIBLE WITH A WIDE RANGE OF REAL-TIME PCR DEVICES



CERTIFIED
DIAGNOSTIC TEST

www.geneproof.com

ISO 13485

GUARANTEED CONTROL OVER THE COMPLETE PROCESS OF DEVELOPMENT, MANUFACTURING AND DISTRIBUTION OF ALL THE OFFERED GENEPROOF PRODUCTS



GeneProof Aspergillus PCR Kit

- + GeneProof Cytomegalovirus (CMV) PCR Kit
- + GeneProof Epstein-Barr Virus (EBV) PCR Kit
- + GeneProof BK/JC Virus (BK/JC) PCR Kit
- + GeneProof BK Virus (BKV) PCR Kit
- + GeneProof JC Virus (JCV) PCR Kit
- + GeneProof Adenovirus PCR Kit
- + GeneProof Aspergillus PCR Kit
- + GeneProof Herpes Simplex Virus (HSV-1/2) PCR Kit
- + GeneProof Human Herpesvirus 6/7 (HHV-6/7) PCR Kit
- + GeneProof Human Herpesvirus 8 (HHV-8) PCR Kit
- + GeneProof Parvovirus B19 PCR Kit
- + GeneProof Varicella-Zoster Virus (VZV) 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	<i>ITS2/28S rDNA region</i>	
ANALYTICAL SPECIFICITY	<i>Aspergillus</i> spp. (<i>A. fumigatus</i> , <i>A. flavus</i> , <i>A. niger</i> , <i>A. oryzae</i> , <i>A. candidus</i> , <i>A. foetidus</i> , <i>A. nidulans</i> , <i>A. ustus</i> , <i>A. versicolor</i> , <i>A. wentii</i> , <i>A. clavatus</i> , <i>A. niveus</i>) (ASP spp), 100 % <i>Aspergillus terreus</i> (ASPT), 100 %	
ANALYTICAL SENSITIVITY (LoD with 95% probability)	40.76 cp/ml, performed on AmpliRun® <i>Aspergillus fumigatus</i> DNA control (Vircell)	
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control by Internal Standard (IS)	
VALIDATED SPECIMEN	Whole blood, plasma, serum, sputum, CSF, BAL	
STORAGE	-20 ± 5 °C	
VALIDATED EXTRACTION METHOD	croBEE 201A Nucleic Acid Extraction Kit GeneProof PathogenFree DNA Isolation Kit	
INSTRUMENTS	croBEE Real-Time PCR System AMPLilab RT PCR System Applied Biosystems 7500 Real-Time PCR System Aria Mx Real-Time PCR System Bio Quant-96 CFX96™/ Dx Real-Time PCR Detection System Gentier 96E/96R Real-Time PCR 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 (ASP spp), Cy5 (ASPT), HEX/JOE/VIC (IS)	
EXTERNAL QUALITY ASSESSMENT	Regularly tested in QCMD and Instand e.V. External Quality Assessment Panels - results at www.geneproof.com	