



Antibiotic
Resistance

GeneProof

GeneProof VRE PCR Kit



DIRECT DETECTION FROM CLINICAL MATERIAL

- No need of previous cultivation
- Quick result from primary clinical material

UNIVERSAL PCR PROFILE

- Easily combinable with e.g. GeneProof MRSA PCR Kit

IDENTIFICATION OF *vanA* AND *vanB*

- Detects and distinguishes *vanA* and *vanB* genes
- Enables choosing appropriate therapy

CONTAMINATION ELIMINATION

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



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 VRE PCR Kit

+ GeneProof MRSA PCR Kit

+ GeneProof VRE PCR Kit

TECHNOLOGY	real-time PCR
TYPE OF ANALYSIS	qualitative
TARGET SEQUENCE	specific conservative DNA sequence in the area of the <i>vanA</i> and <i>vanB</i> genes
ANALYTICAL SPECIFICITY	<i>vanA</i> , <i>vanB</i> genes (e. g. <i>Enterococcus faecalis</i> , <i>Enterococcus faecium</i> , <i>Enterococcus gallinarum</i> , etc.), 100%
ANALYTICAL SENSITIVITY (LOD)	for <i>vanA</i> reaches 1.398 cp/μl with the probability of 95% for <i>vanB</i> reaches 1.026 cp/μl with the probability of 95%
EXTRACTION/INHIBITION CONTROL	PCR inhibition and DNA extraction efficiency control (ISEX version)
VALIDATED SPECIMEN	whole blood, sputum, stool, urine
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 AriaMx 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 and Instand e.V. External Quality Assessment panels - results at www.geneproof.com
CERTIFICATION	CE IVD

*Validated instruments

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