

GeneProof[®]

part of NuvinkaDx

myCROBE™ Automated Solution

For labs looking to minimize manual processing, GeneProof offers myCROBE, a fully automated sample-to-result solution with a broad spectrum of diagnostic tests offering flexible and walkaway automation. Unlike expensive cartridge-based solutions, or high capex high-throughput systems, myCROBE is a cost-effective solution for labs that want to strike the perfect balance between reducing hands on time and affordable PCR consumables.



Features and Benefits

CAPACITY

- 1 - 36 samples per run
- 96 reaction plate
- Up to 108 samples and 270 tests in an 8 hour shift

FLEXIBILITY

- Up to 8 different PCR assays in the same run
- Enables “a la carte multiplex” options
- Simultaneous run starts when extraction is complete
- Qualitative and quantitative testing
- Extraction eluate for further analysis
- One universal control set
- Universal extraction cartridge for all sample types

USABILITY

- Integrated 10" color touchscreen
- Integrated barcode reader
- 2D barcode traceability
- Bi-directional connectivity
- Simple daily cleaning and yearly maintenance
- Remote access for diagnostics and maintenance
- Reduces human errors



Validated Kits for the myCROBE™ Automated Solution

myCROBE offers a competitive portfolio of assays, with a robust pipeline for assay expansion.

 Thrombotic Mutations Factor II Prothrombin Factor V Leiden Factor XIII V34L MTHFR C677T MTHFR A1298C PAI-1 Genotyping	 Sexually Transmitted Infections • Chlamydia trachomatis Neisseria gonorrhoeae Trichomonas vaginalis Mycoplasma genitalium Ureaplasma parvum Ureaplasma urealyticum Gardnerella vaginalis Mycoplasma hominis	 Immunocompromised/Transplant • Cytomegalovirus Epstein-Barr Virus BK Virus JC Virus Varicella-Zoster Virus Herpes Simplex Virus (HSV-1/2) Human Herpesvirus 6/7 (HHV-6/7) Human Herpesvirus 8 (HHV-8)	In the Pipeline  Bloodborne Infections  Adenovirus  HPV Screening
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• Available as IVDR.
Products are available as IVDD. For research Use Only in North America.

myCROBE Specifications

System	
Capacity	1 - 36 samples per run Up to 90 tests per run Up to 108 samples and 270 tests per day
Hands-on Time	30 minutes
User Interface & Control	Integrated 10" touchscreen
Traceability	DMC codes labeling
Decontamination	UV lamp
LIS Connectivity	Bidirectional connectivity (HL7, ASTM)
Remote Access	For diagnostics and system maintenance
Power Supply	220-240 V, 50/60 Hz, 1200 W
Dimensions	W 1130 mm x D 750 mm x H 900 mm
Weight	215 kg
Regulatory Status	CE IVD – Regulation (EU) 2017/746 (IVDR). For Research Use Only in North America.

Nucleic Acid Extraction	
Capacity	1 - 36 samples / single extraction process
Extraction Principle	Extraction based on magnetic particles
Type of Reagents Used	Single-use universal reaction cartridge and reusable tubes (Proteinase K, Carrier RNA)
Sample Volume	500 µl
Elution Volume	100 µl
Extraction Control	myCROBE Universal Internal Control

PCR Setup and Analysis	
PCR Block Capacity	96 reaction PCR plate
Parallel Processing	Up to 8 tests
Quantification	Universal set of 4 positive controls independent of the specific PCR
Automated Analysis	No setup of analysis parameters necessary. Optional automatic email send of results.
Kit Combinations	Ability to combine various assays across therapeutic areas within the same run

Trust GeneProof for targeted molecular diagnostic solutions.

Questions? Contact sales@geneproof.com

