

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

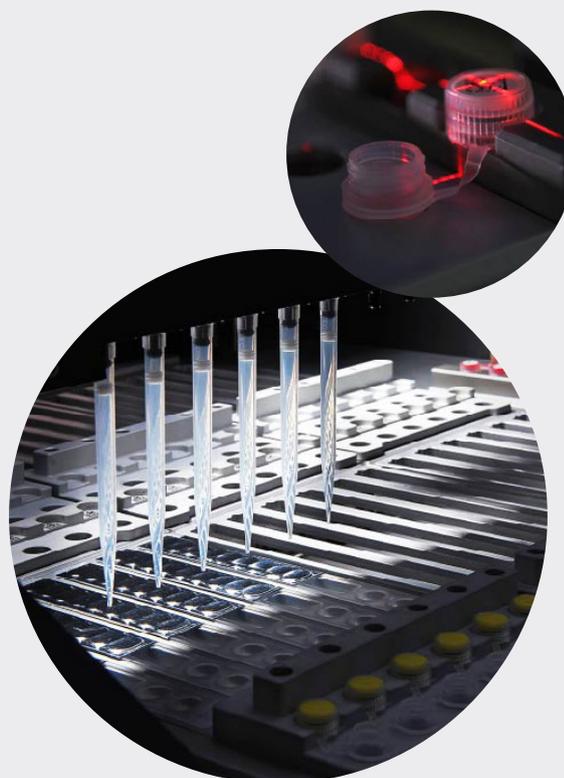
- 1 - 36 samples per run
- 96 reaction plate
- Up to 108 samples and 270 tests in an 8 hour shift

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
- QR code 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	 Sexually Transmitted Infections	 Immunocompromised/Transplant*	In Development
<ul style="list-style-type: none"> – Factor II Prothrombin – Factor V Leiden – Factor XIII V34L – MTHFR C677T – MTHFR A1298C – PAI-1 Genotyping 	<ul style="list-style-type: none"> • Chlamydia trachomatis – Neisseria gonorrhoeae – Trichomonas vaginalis – Mycoplasma genitalium – Ureaplasma Parvum – Ureaplasma Urealyticum – Gardnerella vaginalis – Mycoplasma hominis 	<ul style="list-style-type: none"> – 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 Herpes Virus 8 (HHV-8) 	<ul style="list-style-type: none">  Bloodborne Infections  Respiratory Infections  HPV Screening

• Available as IVDR only.
 * Ask your sales representative for details on availability.
 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
Time to Result	4 hours (for extraction and PCR)
Hands-on Time	30 minutes
User Interface & Control	Integrated 10" touchscreen
Traceability	QR codes
Decontamination	UV lamp
LIS Connectivity	Bidirectional connectivity (HL7, ASTM)
Remote Access	For diagnostics and system maintenance
Power Supply	100-240 V, 50/60 Hz, 1200 W
Dimensions	W 1130 mm x D 750 mm x H 900 mm
Weight	189 kg
Regulatory Status	CE IVD – Regulation (EU) 2017/746 (IVDR). For Research Use Only in North America.

Nucleic Acid Extraction

Capacity	1 - 36 samples per run
Extraction Principle	Extraction based on magnetic particles
Type of Reagents Used	Single-use universal reaction cartridge
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

