Rapid Diagnostics ML Limited

When time & high accuracy are required...

The Rapid MiniLab

A Point of Care Highly Multiplex Real Time PCR Desktop Platform providing fast and highly accurate diagnosis for Coronavirus and other infectious diseases.

The Rapid MiniLab

A Point of Care Highly Multiplex Real Time PCR Desktop Platform that provides clinicians with 24/7 actionable, laboratory quality, molecular diagnostic results. The Rapid MiniLab reduces the test result wait time to under 45 minutes. Using a range of highly multiplex PCR assay panels, the MiniLab can provide fast comprehensive simultaneous in vitro diagnostic detection of multiple targets from a single sample, supporting fast and highly accurate diagnosis allowing relevant on-the-spot treatment.

Scaleable Architecture

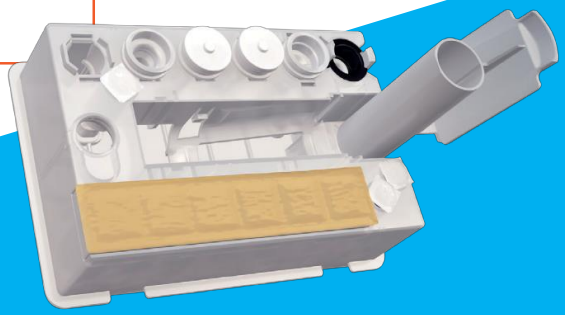
- Fits any location
- Up to 6 Processing Modules
- Random access
- Small footprint

Fully automated Processing Module

- Sample to answer result
- Nucleic acid extraction and amplification
- Target detection

Fully integrated Control Module

- Easy to use
- Touch screen
- Barcode reader
- Printer
- Network connectivity



MiniLab Cartridge

- Cartridge contains reagents and internal process controls
- Sealed single use cartridge reduces contamination risk
- Automated sample preparation
- Ambient temperature storage

Fast and highly accurate diagnosis

and targeted treatment improves clinical and patient outcomes, reduces costs and supports good antimicrobial stewardship

Invented at Defense Science and Technology Laboratory (DSTL) Porton Down, U.K.

Easy to use,
PCR Desktop Platform
providing fast and highly accurate diagnosis of ***Coronavirus*** *and other infectious diseases.*

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Guy's and St. Thomas'
NHS Foundation Trust, London

6 Easy Steps

Scan operator's barcode | Scan sample barcode | Add tube to cartridge | Scan cartridge barcode | Load cartridge | Screen and print result

- Same clinical specimen collection workflow
- On screen step by step animated prompts
- No pipetting or manipulation reduces variability
- Automated result calling eliminates interpretation errors

Accuracy

Our GeneFirst ***Covid-19*** *assay was evaluated by* ***Public Health England*** *at 100% accurate.* (195 samples tested)

Ref: labvalidation.cov@phe.gov.uk

Panels Available

Coronavirus (Covid-19)

Respiratory Viral Panel

Multi-drug-Resistant Tuberculosis (MDR-TB) Panel

Panels in Development

Bacterial Meningitis Panel

Viral Meningitis Panel

Carbapenemase-Producing Organisms (CPO) Panel

Hospital Acquired Infection Panel

Specifications

Time to result
Under 45 minutes

Sample Throughput per Instrument
Up to 60 per 8 hours shift
Up to 10 processing modules Random access

Data input
Integrated barcode reader
Touch-screen
LIS connection

Data output
Colour display
Integrated printer
LIS connection
USB connection

Multiplex assaypanels

Size
Height: 35cm
Depth: 37cm
Width: 31cm (1 Control Module + 1 Processing Module)
94cm (1 Control Module + 6 Processing Module)

Weight
19kg (1 Control Module + 1 Processing Module)
76kg (1 Control Module + 6 Processing Module)

Power Consumption
500 Watts

Voltage Requirements
100 - 240V 50/60 Hz

Rapid Diagnostics ML Limited

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Made in U.K.