

# India's only MTB Rif & INH Drug Resistance detection

Powerful Testing, Better Patient Outcomes



## Detect MTB along with RIF & INH Resistance in one run for timely treatment

MTB has been a major public health concern due to inadequate diagnostic resources, especially in developing countries. In 2021, 10.6 million people suffered from MTB worldwide. Additionally, mismanagement of TB treatment & person-to-person transmission has led to multiple cases of Multidrug-resistant TB (MDR-TB). According to the first national antituberculosis drug resistance survey in India, the incidence of isoniazid resistance is 11% in new tuberculosis cases and 25% in previously treated cases.

Molecular diagnostics has transitioned TB detection, providing faster & accurate techniques that confirm MTB & multidrug resistance for total TB solution in a single assay. Mylab has established PathoDetect® MTB, RIF & INH Resistance Detection Kit with the power of Automation that simultaneously detect MTB & MDR-TB providing an all-round TB solution.

# PathoDetect<sup>®</sup>

MTB RIF & INH Resistance  
Detection Kit



## Kit Features



Completely automated platform for MTB detection and drug resistance detection in a single test



Analytical sensitivity of the kits is 25 CFU/ml for MTB detection, 200 CFU/ml for drug resistance gene



Room temperature storage, eliminating cold storage requirement



Inclusion of controls for quality check, ensures reagent integrity and result reliability



User-friendly software for analysis and reporting



Robust clinical lab tests, based on real time PCR



Compatible with respiratory Pulmonary and non-pulmonary specimens



Includes all the reagents required to perform sample to Result analysis



Low contamination risk, no post-PCR product handling



CE (EU) certified



# CompactDX<sup>®</sup>

Empowering change with  
Molecular Accuracy and  
Automation Technology.

## Simple Sampling with High Throughput



**Flexibility of 1 to 8  
samples in single run**



**Ability to run 8 samples  
simultaneously**



**Parallel Connectivity  
running 8/16/32  
samples in a network**



### Fully Automated Sample to Reporting system

- Automated extraction of samples
- Automated PCR analysis



### Parallel Processing

- Multiple sample types
- Multiple parameters can be tested on the same platform



### Ease of use

- One cartridge - One test
- No manual pipetting, no manual handling
- LIMS connectivity
- Compact footprint of the machine



### Robust Contamination Control

- Dedicated lane for each sample to prevent cross contamination
- Secured and automated cartridge opening
- Enclosed system for contamination free sample processing

## Mobile & on-the-go TB solution

Reach far locations & distant corners of remote areas

Increasing Patient accessibility to advanced & reliable TB diagnostic methods

Accelerate TB public health programs & awareness with faster diagnostics and on-the-go

Real time reporting system through cloud connectivity



## Easy Accessible & Affordable TB Detection with Mylab's Mobile Automation.

Innovative technology to boost TB-Free India by 2025.

Powered by

# MyVan<sup>®</sup>



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