

## **Mylab scales up production of test kits with support from DBT's National Biopharma Mission**

The Pune-based Mylab Discovery Solutions was supported under National Biopharma Mission of Department of Biotechnology at Biotechnology Industry Research Assistance Council (BIRAC), New Delhi. With this strategic funding received under the COVID consortium, Mylab scaled up its production and development of COVID-19 Pathodetect testing kit. This production line at Mylab manufactures rapid and high throughput detection platform. Pathodetect utilizes a robust diagnostic methodology for use in public health laboratory settings for the screening and detection of CoVID-19. Its work flow reliably detects CoVID-19, and further discriminates CoVID-19 simultaneously within 2.5 hours compared to 7 hours or more hours required by other protocols.



Currently, Mylab has a manufacturing capacity of 2,00,000 RT-PCR and 50,000 RNA tests. Mylab has obtained CDSCO/India-FDA and ICMR approval to manufacture for NAT, HIV, HBV, HCV, and for detection of novel coronavirus 2019-n COV/SARS-COV-2. The company has recently launched Molecular laboratory machine Compact XL that can manufacture various reagents as well as perform various molecular tests in a single machine unit. The machine will help India in setting up the molecular diagnostic labs in rural India as it eliminates huge infrastructure costs, Capex and Opex costs since minimal number of employees - can do a large number of tests.

The coronavirus pandemic has lately posed new global challenges, and amid the outbreak the best measure is to test symptomatic patients to prevent or slow the spread of the virus, until a

suitable treatment is found. Currently, most pandemic-prone diseases, including COVID, are diagnosed accurately by polymerase chain reaction (PCR), a molecular technique that is the gold standard in diagnostics, and is also recommended by CDC. Therefore, having indigenous supplies of qualitative RT- PCR test kits was identified as a critical need in enhancing the testing ability across the country.

Link: <http://ddnews.gov.in/sci-tech/department-biotechnology-supports-production-scale-test-kits-mylab>

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