

Single-tube multiplex RT-PCR for simultaneous detection of SARS-CoV-2, Influenza A, and B from respiratory samples

Domain: Diagnostic Assay/Kit

About Technology: This TaqMan-based Real-Time PCR assay is a single-tube, four-plex multiplex test designed for simultaneous detection of major respiratory viruses. It accurately identifies SARS-CoV-2 and its variants, various subtypes to Influenza A and lineages of Influenza B virus. The test is extensively used pan-India ILI/SARI VRDL network since 2021. All 72 VRDL are using the kit.

Intended Use: Simultaneous detection of SARS CoV 2 and its variants (till date XFG), Influenza A (H1N1/pdm09 and H3N2) and Lineages of Influenza B (Yamagata and Victoria)

Advantages:

- Simultaneous and rapid detection of SARS-CoV-2 and Influenza A & B infections in respiratory samples in single tube



IP Status: Filed (Indian Patent Application No - 202211052927)

Development Status: Third party validation complete

Technology Transfer Status: Transferred to companies on Non-Exclusive basis

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