

# Multiplex RT Assay for Simultaneous Detection of Influenza A, Influenza B, RSV A/B, and SARS-CoV-2

**Domain:** Diagnostic Assay/Kit

**About Technology:** This diagnostic platform is based on TaqMan Real-Time PCR, a highly sensitive and specific molecular technique used for rapid viral detection. The assay functions as a single-tube, five-plex multiplex RT-PCR, allowing multiple respiratory viruses to be identified simultaneously within one reaction. It is designed for efficient multi-virus surveillance, the assay enables the simultaneous detection of Influenza A, Influenza B, Respiratory Syncytial Virus (RSV A/B), and SARS-CoV-2 from respiratory samples

**Intended Use:** Simultaneous detection of Influenza A and B, RSV and SARS CoV 2 in a single assay

**Advantages:**

- Single-tube assay
- High-confidence detection of all five viruses
- Cost-effective testing



**Development Status:** Third party validation complete (WHO CC third party validation successful)

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

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