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Vivalytic SARS-CoV-2 DT, Flu A/B, RSV

Qualitative real-time PCR test for the detection of SARS-CoV-2 DT, Flu A/B and Respiratory Syncytial Virus (RSV)

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The universal diagnostic platform.
Universal, intuitive, fast.

√ivalytic

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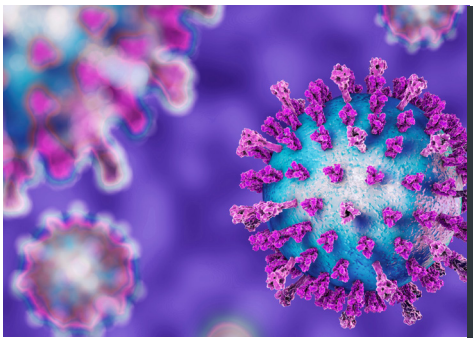
The high burden caused each year by Covid-19, influenza and RSV infections shows how important it is to identify the different viruses quickly in order to provide the patient with targeted treatment.

Patients infected with SARS-CoV-2, influenza A (Flu A), influenza B (Flu B) and/or respiratory syncytial virus (RSV) have overlapping symptoms, but the approaches to patient management of infections caused by the viruses are different. The Vivalytic SARS-CoV-2 DT, Flu A/B, RSV test detects and differentiates between these viral nucleic acids, aiding in the diagnosis and thereby enabling pathogen-specific management of patients.

The SARS coronavirus 2 (SARS-CoV-2) is a respiratory pathogen which is responsible for the novel disease COVID-19. With over 10 million cases and 500,000 deaths reported as of end of June 2020, COVID-19 is challenging health care systems and society all over the world. It is important not only to have effective infection-preventing measures in place, but also to trace and break the chains of infection through extensive testing.

Influenza, also called flu, is a contagious respiratory disease caused by influenza viruses. An influenza infection causes mild to severe illness and can be lethal. In Europe, seasonal influenza causes between 4 and 50 million symptomatic cases each year and the death toll associated with influenza is estimated to be between 15,000 and 70,000 every influenza season, in terms of excess deaths.[1]

The respiratory syncytial virus (RSV) is a pathogen for acute diseases of the upper and lower respiratory tract. Especially infants and young children are at risk of developing a severe RSV infection resulting in hospitalization. Since clinical symptoms of RSV are nonspecific and can overlap with other viral respiratory infections such as influenza and SARS-CoV-2, differentiation of pathogens with other viral respiratory infections is needed.



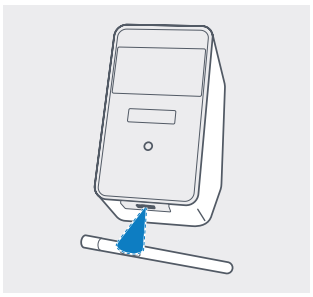
Sample material
Nasopharyngeal, oropharyngeal or saliva swab samples

Volume
300 µl

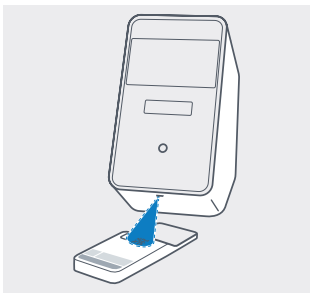
Detectable pathogens
- SARS-CoV-2 virus
- Influenza A and Influenza B virus
- Human Respiratory Syncytial Virus (RSV)

Detection method
Real-time PCR test

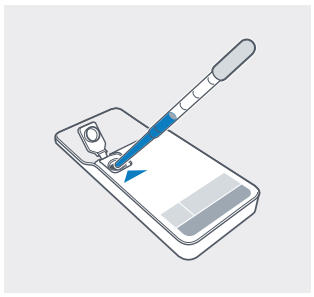
Vivalytic workflow: Only a few steps from sample to result



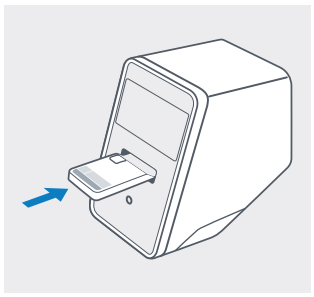
1 **Scan sample code.**



2 **Scan cartridge code.**



3 **Insert the sample and close cartridge lid.**



4 **Insert cartridge. The test starts automatically.**

Our biocontent cooperation partner is:

r-biopharm®

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[1] European Centre for Disease Prevention and Control (ECDC)

The availability of the tests can differ regionally.

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