

Invented for life



BOSCH

Multiplex Array for Viral Respiratory Tract Infections.

√ivalytic from Bosch –
The universal diagnostic platform.
Universal, intuitive, fast.



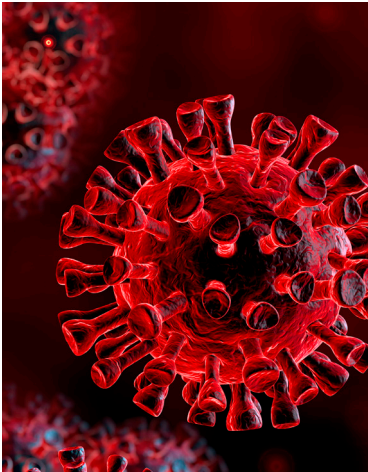
vivalytic

PCR-Test for Viral Respiratory Tract Infections (VRI).

The coronavirus (SARS-CoV-2) is responsible for the novel respiratory infection known as COVID-19. The infection emerged for the first time at the end of 2019 and has in the meantime spread around the globe.

The Vivalytic VRI is a 10-plex molecular test which is able to differentiate between pathogens with similar clinical symptoms like SARS-CoV-2 and influenza. The Vivalytic VRI enables testing of SARS-CoV-2 by detecting two different

targets (SARS-CoV-2, Sarbecovirus), as recommended by the World Health Organization and Centers for Disease Control and Prevention. This minimizes likelihood of incorrect diagnosis, ensuring appropriate containment and reducing the risk of further contamination.



Sample material

Nasopharyngeal, oropharyngeal, saliva swab samples

Principle

Integration of sample preparation (including process controls), DNA amplification, detection (μ Array) and analysis on a single cartridge.

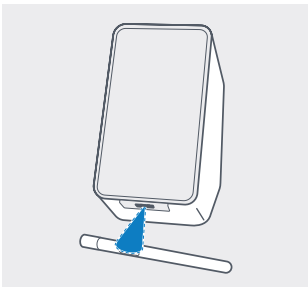
Purpose

Nucleic acid based testing for direct identification of 10 viral pathogens.

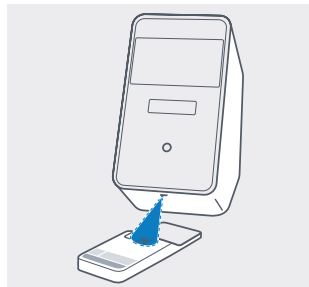
Detectable pathogens

- Human adenovirus A/B/C/D/E
- Human coronavirus 229E/NL63
- Human coronavirus OC43/HKU1
- Human enterovirus A/B/C/D
- Human rhinovirus A/B/C
- Influenza A virus
- Influenza B virus
- MERS coronavirus
- Sarbecovirus
- SARS-CoV-2

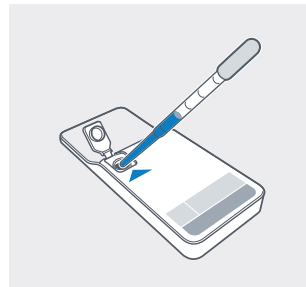
Vivalytic Workflow: Good results can be this easy.



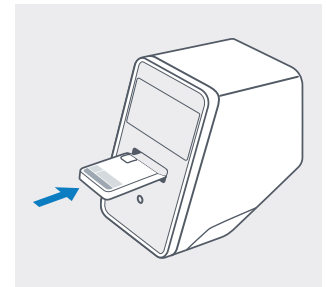
1 Scan sample code.



2 Scan cartridge code.



3 Insert the sample and close cartridge lid.



4 Insert cartridge. The test starts automatically.

Our biocontent cooperation partner is:

RANDOX
www.randox.com

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The Vivalytic VRI test is under development. Products with status in development are not available for sale. Future availability cannot be guaranteed.

www.bosch-vivalytic.com

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