

Invented for life



BOSCH

Multiplex Array for Respiratory Tract Infections

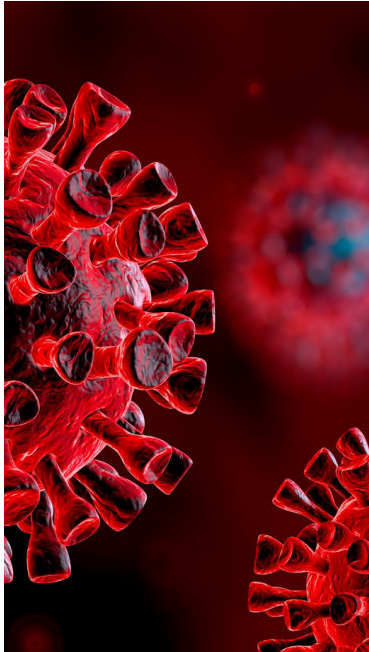
✓ivalytic from Bosch –
The universal diagnostic platform.
Universal, intuitive, fast.



✓ivalytic

Multiplex Array for Respiratory Tract Infections (RTI)

Respiratory pathogens cause acute local and systemic illnesses with distinct severity. Diagnostics are complicated due to the number of viruses and bacteria that can cause such infections. Use the Vivalytic RTI test for direct identification of 14 viral and 8 bacterial pathogens.



Sample material
Swabs (nasal/throat)

Principle
Integration of sample preparation, DNA amplification, detection (μ Array) and analysis on a single cartridge

Purpose
Nucleic acid based testing for direct identification of 14 viral and 8 bacterial pathogens

Detectable pathogens

Viral pathogens

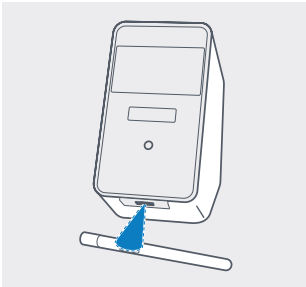
- Influenza A virus
- Influenza B virus
- Human adenovirus A/B/C/D/E
- Human bocavirus 1/2/3
- Human coronavirus 229E/NL63

- Human coronavirus OC43/HKU1
- Human enterovirus A/B/C
- Human metapneumovirus
- Human parainfluenzavirus 1
- Human parainfluenzavirus 2
- Human parainfluenzavirus 3
- Human parainfluenzavirus 4
- Human respiratory syncytial virus A/B
- Human rhinovirus A/B/C

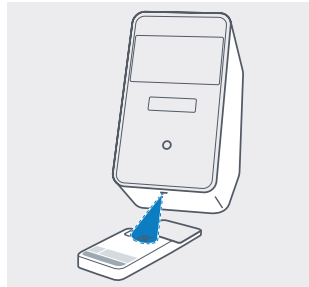
Bacterial pathogens

- Bordetella parapertussis
- Bordetella pertussis
- Chlamydomphila pneumoniae
- Haemophilus influenzae
- Legionella pneumophila
- Moraxella catarrhalis
- Mycoplasma pneumoniae
- Streptococcus pneumoniae

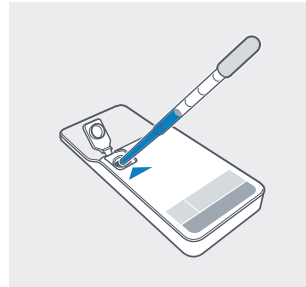
Vivalytic Workflow: Good results can be this easy.



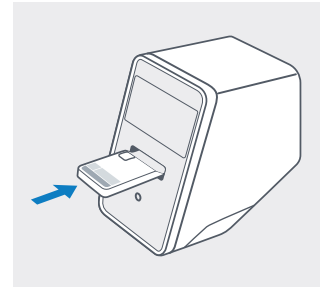
1 Scan sample code.



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

Subject to technical modifications. Printed in Germany. Any colour deviations are due to restrictions in the printing process. Printed on 100% chlorine-free bleached cellulose, produced in an environmentally friendly process. Not all products are available in all regions. Ask your local sales representative for availability in specific markets. For in vitro diagnostic use only.

Bosch Healthcare Solutions GmbH
Stuttgarter Str. 130, 71332 Waiblingen, Germany