



# Respi+

## SARS coronavirus 2

Influenza A virus

H1N1v, H1N1, H3N2, H5N1  
H7N9, H2N2, H9N2, H7N3

Influenza B virus

Respiratory syncytial virus

Human metapneumovirus

Parainfluenza virus 1

Parainfluenza virus 2

Parainfluenza virus 3

Coronavirus OC43

Adenovirus

*Streptococcus pneumoniae*

**Multiple different viruses circulate simultaneously during COVID-19 pandemic and influenza seasons.**

mariPOC® Respi+ test covers 11 pathogens for detection of influenza- and COVID-19-like illnesses.

The test is performed from either a nasopharyngeal swab or an aspirate sample.

## Result reporting:

20 min

Positives

2 h

Low positives and negatives



Cut swab into a mariPOC® tube



Add sample buffer and vortex



Insert sample tube into analyzer for automated analysis



## Performance

Analyte	Sensitivity	Specificity	Reference test
SARS coronavirus 2	92.3%	100%	PCR
Influenza A virus	92.3%	99.8%	PCR
Influenza B virus	87.5%	100%	PCR
Respiratory syncytial virus	88.6%	100%	PCR
Human metapneumovirus	77.8%	100%	PCR
Human coronavirus OC43	NA	99.4%	PCR
Parainfluenza 1 virus	Similar	99%	*
Parainfluenza 2 virus	Similar	99%	*
Parainfluenza 3 virus	Similar	99%	*
<i>S. pneumoniae</i>	Similar	No cross-reactions	for sensitivity: Binax Now® rapid test
Adenovirus	92.3%	100%	*

\*for sensitivity: TR-FIA, for specificity: PCR

Thomas E. et al. 29th ECCMID 2019, Amsterdam, Netherlands. Abstract and poster #P0114.

Sanbonmatsu-Gámez S. et al. (2015) Diagn Microbiol Infect Dis. 83:252-256.

Ivaska L. et al. (2013) J Clin Virol. 57:136-140.

### Why a multianalyte pathogen specific test?

- Distinguish bacterial and viral infections
- Optimize the use of antibiotics and antiviral drugs
- Prescribe antivirals for influenza patients without delay
- Predict the clinical course and duration of the disease
- Utilize epidemiological surveillance for infection control
- Cohort inpatients accurately

## mariCloud™ data

