

*Turn-key solution
for decentralized testing
of acute infections*

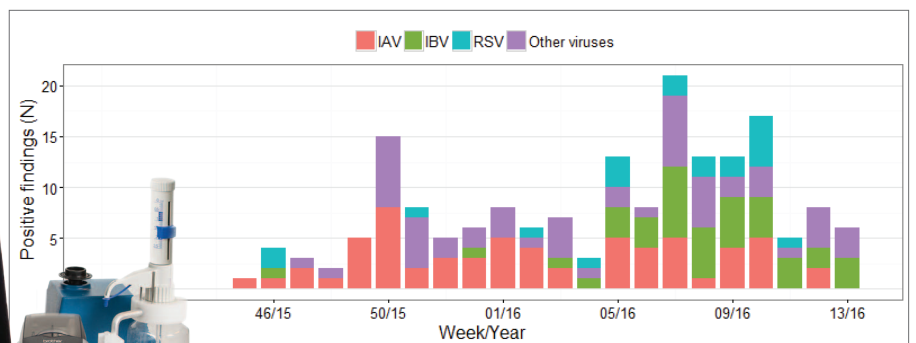
- Influenza A virus
- Influenza B virus
- RSV
- Human metapneumovirus
- Human bocavirus
- Parainfluenza virus 1
- Parainfluenza virus 2
- Parainfluenza virus 3
- Adenovirus
- Streptococcus pneumoniae
- Human coronavirus OC43

Respi test

mariPOC® combines strengths of laboratory tests and rapid tests

Reporting in two steps

20 min
2 h



Report of positive samples in the mariPOC® software

- Rapid detection of multiple respiratory pathogens from single nasopharyngeal sample
- Based on automated fluorescence measurement
- More efficient and accurate than conventional rapid tests
- 3/4 of the positive results are reported in 20 minutes

What's new? **mariCloud** 

You can now follow infections epidemiology in real-time with our cloud service!

Antibiotics don't work on these guys

Upper and lower respiratory infections can be caused by a number of different viruses and bacteria. Pathogen specific diagnosis is seldom possible without in-vitro testing.

Influenza A and B viruses

Cause severe respiratory infections that may require hospital treatment. Symptoms are similar to common cold but usually more severe. Antiviral drug lessens the symptoms and shortens the duration of influenza infection by a few days, provided that the medication is initiated at the early state of infection. Yearly transforming subtypes (e.g. avian and swine flu) can cause pandemics.

Metapneumovirus

Is important cause of lower respiratory tract infections especially among children and elderly. For healthy adults metapneumovirus usually causes common cold.

RSV (respiratory syncytial virus)

Can cause respiratory tract infections in all age groups. Among children and elderly the severity of the symptoms is comparable to influenza.

Adenovirus

Mostly causes respiratory infections and tonsillitis but can also cause conjunctivitis and gastroenteritis. Adenovirus infections occurs during the whole year. Adenovirus infection is associated with elevated CRP similarly to bacterial infections. This is driving the need of pathogen specific diagnostic testing.

Parainfluenza viruses

Most important cause of croup. Parainfluenza viruses may occur throughout the whole year.

Human bocavirus

Recently found virus which causes respiratory symptoms. Primary infection most often happens during childhood. Symptoms vary from common cold to bronchiolitis.

Human coronavirus OC43

Coronavirus OC43 is among the viruses that can cause common cold worldwide. Can cause severe lower respiratory infections. OC43 subtype is the first coronavirus addition in mariPOC® Respi panel.



maripoc  Respi

One sample, multiple answers