



Respiratory Panel PCR

Test Codes:

RESPCR (4106)

Respiratory Panel PCR

Specimen:

Nasopharyngeal swab in M4RT media

Performed:

Daily, available STAT

Clinical Labs of Hawaii
Reference Lab & Kapi'olani Lab

Client Services:

808-677-7998 Oahu
1-866-281-6816 Toll free

*If you have any questions, please contact our
Client Services Department.*

Visit our website at:
www.clinicallabs.com

References:

<http://www.biofire.com/products/the-filmarray-panels/#respiratory>

CLH offers the Respiratory Panel by PCR to assist healthcare providers with faster diagnoses, improved antibiotic stewardship and quicker results. The FilmArray Respiratory Panel from BioFire Diagnostics is a multiplex PCR panel for the detection of 17 respiratory viruses and 3 bacteria from a single specimen. It is FDA-cleared and provides an overall sensitivity and specificity of 95% and 99%, respectively. Rapid and accurate diagnostic testing for respiratory pathogens may help identify which patients to isolate or cohort faster and determine if antibiotic or antiviral therapy is appropriate.

This panel does not test for the SARS-CoV-2 virus (previously known as the 2019 novel coronavirus, 2019-nCoV, or Wuhan virus).

Testing for Patients Under Investigation (PUI) of the SARS-CoV-2 virus should be coordinated with the Hawaii Department of Health (HDOH) and can only be performed at HDOH or the Centers for Disease Control (CDC).

The FilmArray Respiratory Panel tests for 20 Pathogens Simultaneously

Viral Targets

- Adenovirus
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus 229E
- Human Metapneumovirus
- Human Rhinovirus/Enterovirus
- Influenza A
- Influenza A/H1
- Influenza A/H3
- Influenza B
- Parainfluenza Virus 1
- Parainfluenza Virus 2
- Parainfluenza Virus 3
- Parainfluenza Virus 4
- Respiratory Syncytial Virus

Bacterial Targets

- *Bordetella pertussis*
- *Chlamydia pneumoniae*
- *Mycoplasma pneumoniae*