

Patient NAME :		Report STATUS :	
DOB/Age/Gender :		Barcode NO :	
Patient ID / UHID :		Sample Type :	
Referred BY :		Report Date :	
Sample Collected :			

#Biofire Respiratory Pathogen Panel

Biofire - Respiratory RP2 Plus Panel (Film Array Multiplex PCR)

VIRUSES

S.No	Organisms Screened	Observation	Result
1	Adenovirus	Not Detected	Negative
2	Coronavirus HKU1	Not Detected	Negative
3	Coronavirus 229E	Not Detected	Negative
4	Coronavirus NL63	Not Detected	Negative
5	Coronavirus OC43	Not Detected	Negative
6	SARS-CoV-2 (Real time PCR)	Not Detected	Negative
7	Human Metapneumovirus	Not Detected	Negative
8	Human Rhinovirus/Enterovirus	Not Detected	Negative
9	Influenza A	Not Detected	Negative
10	Influenza A/H1	Not Detected	Negative
11	Influenza A/H1-2009	Not Detected	Negative
12	Influenza A/H3	Not Detected	Negative
13	Influenza B	Not Detected	Negative
14	Parainfluenza 1	Not Detected	Negative
15	Parainfluenza 2	Not Detected	Negative
16	Parainfluenza 3	Not Detected	Negative
17	Parainfluenza 4	Not Detected	Negative
18	Respiratory Syncytial Virus A & B (Real time PCR)	Not Detected	Negative

BACTERIA

1	Bordetella parapertussis	Not Detected	Negative
2	Bordetella pertussis	Not Detected	Negative
3	Chlamydia pneumoniae	Not Detected	Negative
4	Mycoplasma pneumoniae	Not Detected	Negative

Control: Passed

Clinical Significance:

Upper respiratory infections are common and contribute significantly to morbidity and mortality. They are also one of the leading reasons for health care visits, thus resulting in significant health care costs. Rapid diagnosis of respiratory infections can lead to decreased length of stay, better antimicrobial stewardship and better patient cohorting to prevent nosocomial infections.

Dr. Nitin Arora
MBBS,MD (Microbiology)

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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Methodology: This method is performed using USA-FDA cleared Film Array Respiratory Panel (Biofire Diagnostic, Inc.)

RESULT	REMARKS
Positive	Sample provided contains the specified organism / s
Negative	Sample provided does not contain the specified organism /s OR number of Nucleic acid copies are below the detection limit of the assay

- Note :**
- Biofire PCR is a highly sensitive technique but paradoxical results can be due to specimen contamination during collection, inappropriate specimen and presence of inherent PCR inhibitors.
 - Results of this panel are intended to be used in conjunction with other tests and clinical findings.

References:

- Lee N, Lui GC, Wong KT, et al: High morbidity and mortality in adults hospitalized for respiratory syncytial virus infections. Clin Infect Dis. 2013;57(8):1069-1077
- Miliander C, Espy M, Binnicker MJ: Evaluation of the BioFire FilmArray for the detection of respiratory viruses in clinical samples. Clinical Virology Symposium Annual Meeting, Daytona, Florida, April 2013

NOTE- **This test is processed at Redcliffe's partnered lab.

*** End Of Report ***

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