



## Respira-ID Case Review

- **Patient History:** 53-Year-old female who works for Senior Care company traveling in and out of Senior Care Communities during COVID-19 pandemic
- **Disease State/Symptoms:** Patient started having flu like symptoms including wheezing, sinus pressure and coughing up mucus.
- **Why This Test was Ordered:** Patient was convinced it was viral and either COVID-19 or the flu but wasn't getting better. COVID-19 test was ordered and came back negative, so a Respira-ID was done on expectorated sputum sample. Result came back with *Streptococcus pneumoniae*  $1 \times 10^7$  Cells/mL and *Haemophilus influenzae*  $1 \times 10^4$  Cells/mL.
- **Outcome:** Patient was prescribed antibiotics by her provider based on report which treated her symptoms. Without Respira-ID she would have thought it was viral and could have gotten much worse left untreated. Also was able to show she did not have COVID-19 which would have kept her out of work for 14 days due to quarantine protocols.

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22 WestEdge Street 8th Floor
Charleston, SC 29403
Ph# (854) 429-1069\* Fx# (833) 247-4091
www.vikorscientific.com



Patient Name



Date of Birth

XX-XX-1958



Gender

undisclosed



Race

UNDISCLOSED

Facility Information

Ordering Provider:

Facility:

Facility Phone:

Facility Fax:

Specimen Information

ACC:

Collection Date: 01/04/2021

Report Date: 01/06/2021

Received Date: 01/05/2021

Sample Type: Nasopharyngeal Swab

Notes:

PATHOGENS DETECTED

Table with 3 columns: Pathogen Name, Concentration, and Percentage. Rows include Streptococcus pneumoniae, Haemophilus influenzae, and Epstein-Barr virus (EBV) (HHV4).

RESISTANCE GENES DETECTED & POTENTIAL MED CLASS AFFECTED

Antibiotic Resistance Not Tested

ABXAssist™

Pharmacy Guidance

Electronically approved on by: • Email: pharmconsult@vikorscientific.com • Phone: 1.888.964.2141

MEDICATION REVIEW

Drug Allergies:

NKDA

Notes from Ordering Physician:

EXPETORATED SPUTURE

Notes from Pharmacist:

Medication

Route

Dose

No Pharmacy Guidance Provided

Table with 2 columns: Category (Methodology, Limitations, Disclaimer) and Description. Contains detailed technical and clinical information.



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**NEGATIVE PATHOGENS**

- Adenovirus 1 & 2 Alpha
- Adenovirus 1 & 2 Beta
- Bordetella pertussis
- Bordetella (PAN)
- Chlamydomphila pneumoniae
- Human Coronavirus 229E
- Coronavirus HKU1
- Coronavirus NL63
- Coronavirus OC43
- Enterovirus D68
- Enteroviruses A,B,C
- Influenza A H1
- Influenza A H3
- Influenza A virus (Pan)
- Influenza B virus
- Human Bocavirus (HBoV)
- Herpes zoster virus (Varicella zoster virus)
- Cytomegalovirus (CMV) (HHV5)
- Human herpesvirus 6 (HHV6)
- Human metapneumovirus
- Parainfluenza virus 1
- Parainfluenza virus 2
- Parainfluenza virus 3
- Parainfluenza virus 4
- Klebsiella pneumoniae
- Legionella pneumophila
- Mycoplasma pneumoniae
- Human Respiratory Syncytial Virus A (RSVA)
- Human Respiratory Syncytial Virus B (RSVB)
- Human Rhinovirus 1/2
- Human Rhinovirus 2/2
- Staphylococcus aureus

**NEGATIVE RESISTANCE GENES**

**ANTIBIOTIC CLASS**

Antibiotic Resistance Not Tested