Advanta Genetics
CLIA: 45D2063134 CAP: 8863194 DEA: RA0543125
10935 CR 159 Tyler, TX 75703
Phone: (903) 805-9955
Fax: (903) 839-2494
Laboratory Director: Mary Long, Ph.D., NRCC
www.aalabs.com

Patient: Race Bannon
DOB: 01/01/1960
Gender: Male

Accession: 12345
Specimen: Nasopharyngeal Swab

Received: 11-28-2023 08:19 PM
Reported: 11-29-2023 07:36 AM

Comprehensive Respiratory PCR Panel Key Summary

Pathogen(s) Detected

Organism	Est. Copies/mL	Est. Microbial Load	Resistance Gene(s) Detected **
Human respiratory syncytial viruses	2.12E+06	MEDIUM	None Detected

Pharmacy Considerations

PharmD Notes

The treatment for Human respiratory syncytial viruses infections is supportive at this time. There is no antiviral treatment known to be helpful at this time. People may use over-the-counter medications to lower fever and relieve sore throat, such as acetaminophen (Tylenol).

Prescribing of any drug in children requires very careful consideration of Age, weight, and pharmacologic aspects of the drug in question. Children are particularly susceptible to adverse drug reactions and dosing errors. The pharmacokinetics and pharmacodynamics components in pediatric patients is frequently very different compared to adults and may vary depending on the child's Age and stAge of development. Please contact the pharmacist at the number provided below for pediatric recommendations and dosAge adjustments.

Disclaimer

Important clinical information such as comorbidities, renal function, patient weight, platelet count, microbiology results, etc. may influence the overall appropriateness of therapy. The provided guidance only takes drug allergies into account when they are provided and available to the pharmacist making the recommendation. The overall appropriateness of therapy must be determined by the physician treating the patient. The provider has all the patient information necessary to make that determination and should take the entire clinical presentation into account when making treatment decisions. Should the treating physician wish to discuss the provided guidance, the pharmacist is available for consult at the email provided.

Electronically Approved by John Smith, PharmD on 11-29-23

Laboratory Notice

This nucleic acid amplification test was developed, and its performance characteristics determined with polymerase chain reaction (PCR) by Advanta Genetics. CLIA: 45D2063134 Laboratory Director: Mary Long, Ph.D., NRCC. This test is a lab developed test and has not been cleared or approved by the FDA. This laboratory is regulated under CLIA as qualified to perform high complexity testing and accredited by the College of American Pathologists (CAP). These tests are used for clinical purposes. They should not be regarded as investigational or for research purposes.

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Comprehensive Respiratory PCR Panel

FINAL RESULT

Organism(s) Tested	*Qualitative	Quantitative DNA copies / mL	Qualitative Result
Bordetella parapertussis	N/A	N/A	Negative
Bordetella pertussis/holmesii	N/A	N/A	Negative
Chlamydophila pneumoniae	N/A	N/A	Negative
Enterovirus - D68	N/A	N/A	Negative
Haemophilus influenzae	N/A	N/A	Negative
Haemophilus influenzae B	N/A	N/A	Negative
Human bocavirus	N/A	N/A	Negative
Human metapneumoviruses	N/A	N/A	Negative
Human parainfluenza 1 virus	N/A	N/A	Negative
Human parainfluenza 2 virus	N/A	N/A	Negative
Human parainfluenza 3 virus	N/A	N/A	Negative
Human parainfluenza 4 virus	N/A	N/A	Negative
Human respiratory syncytial viruses	**MEDIUM**	**2.12E+06**	**Positive**
Human rhinovirus	N/A	N/A	Negative
Influenza A virus	N/A	N/A	Negative
Influenza A virus H1N1 swl	N/A	N/A	Negative
Influenza B virus	N/A	N/A	Negative
SARS CoV-2	N/A	N/A	Negative
Klebsiella pneumoniae	N/A	N/A	Negative
Legionella species	N/A	N/A	Negative
Moraxella catarrhalis	N/A	N/A	Negative
Mycoplasma pneumoniae	N/A	N/A	Negative
Salmonella typhi/paratyphi	N/A	N/A	Negative
Staphylococcus aureus	N/A	N/A	Negative
Streptococcus agalactiae (GBS)	N/A	N/A	Negative
Streptococcus pneumoniae	N/A	N/A	Negative
Streptococcus pyogenes (GAS)	N/A	N/A	Negative
Human adenovirus	N/A	N/A	Negative
Human coronavirus 229E	N/A	N/A	Negative
Human coronavirus HKU1	N/A	N/A	Negative
Human coronavirus NL63	N/A	N/A	Negative
Human coronavirus OC43	N/A	N/A	Negative
Human gammaherpesvirus 4 (Epstin-Barr, Mono)	N/A	N/A	Negative
Human parechovirus	N/A	N/A	Negative

***Qualitative Legend (DNA copies / mL)**

LOW: < 100,000 **MEDIUM: > 100,000 & < 10,000,000** **HIGH: > 10,000,000**

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Antibiotic Resistance Gene(s) Tested	Result
Methicillin Resistance (MecA)	Negative
Vancomyacin Resistance (VanA/VanB)	Negative