



CLIA#44D2092627
6400 Perkins Road, RM C2038 Baton Rouge, LA 70808
Phone#: 225-763-2881 / Fax#: 225-763-3188
Lab Director: Blythe E. Bowman, MD

Molecular Diagnostic Report

Facility Information		Patient Information		Specimen Information	
Provider Name:	Rowley, Marcy	Name:	Jolie, Angelina	Accession No:	221111111
Provider ID:	1740301837	DOB:	8/12/1976	Gen:	Female
Address:	105 South River Gate Circle St Louis 64120	Collected On:	6/9/2022 10:57:47 AM	Received On:	6/9/2022 10:41:00 AM
Facility Name:	Skilled Nursing	Sample Type:			

Respiratory Tract Infection/Microbiota (RTM) ☐ Comprehensive Panel by PCR

Detected Pathogen Results Summary:

Pathogen Name	Genomic Copy Equivalent/mL	Relative Strain Qty. (%)	Clinical	Flag
Human herpesvirus 4 (Epstein-Barr)	3.6x10 ²	0.00	Low	▶▶▶
Human herpesvirus 6	3.4x10 ³	0.00	Low	
SARS_Cov2	5.3x10 ⁸	100.00	High	

Tested Pathogen/Genes:

Pathogen Name	Detected or Not Detected	Pathogen Name	Detected or Not Detected
Adenovirus 1	Not Detected	Human Parainfluenza virus 3	Not Detected
Adenovirus 2	Not Detected	Human Parainfluenza virus 4	Not Detected
Bordetella (bronchiseptica, paraptussis and pertussis)	Not Detected	Human parechovirus	Not Detected
Bordetella holmesii	Not Detected	Human Respiratory Syncytial Virus-A	Not Detected
Bordetella pertussis	Not Detected	Human Respiratory Syncytial Virus-B	Not Detected
Chlamydia pneumoniae	Not Detected	Human Rhinovirus 1	Not Detected
Coxiella burnetii	Not Detected	Human Rhinovirus 2	Not Detected
Haemophilus influenzae	Not Detected	Influenza A Panel	Not Detected
Human Bocavirus	Not Detected	Influenza A/H1-2009	Not Detected
Human Coronavirus 229E	Not Detected	Influenza A/H3	Not Detected
Human Coronavirus HKU1	Not Detected	Influenza B	Not Detected
Human Coronavirus NL63	Not Detected	Klebsiella pneumoniae	Not Detected
Human Coronavirus OC43	Not Detected	Legionella pneumophila	Not Detected
Human Enterovirus D68	Not Detected	Measles virus	Not Detected
Human Enterovirus panel	Not Detected	MERS_CoV	Not Detected
Human herpesvirus 3 (Varicella zoster)	Not Detected	Moraxella catarrhalis	Not Detected
Human herpesvirus 5 (Cytomegalovirus)	Not Detected	Mumps virus	Not Detected
Human Metapneumovirus	Not Detected	Mycoplasma pneumoniae	Not Detected
Human Parainfluenza virus 1	Not Detected	Pneumocystis jirovecii	Not Detected
		SARS coronavirus 1	Not Detected



CLIA#44D2092627
6400 Perkins Road, RM C2038 Baton Rouge, LA 70808
Phone#: 225-763-2881 / Fax#: 225-763-3188
Lab Director: Blythe E. Bowman, MD

Human Parainfluenza virus 2	Not Detected
Human Parainfluenza virus 3	Not Detected
Human Parainfluenza virus 4	Not Detected
Human parechovirus	Not Detected

Staphylococcus aureus	Not Detected
Streptococcus pneumoniae	Not Detected
Streptococcus pyogenes	Not Detected

* Disclaimer: This molecular diagnostics test was validated by AIM Laboratories under CLIA regulations. As such, this test is for clinical purpose only and not for research. It has not been cleared or approved by the FDA. The Genomic Copy Equivalent/mL is calculated semi-quantitatively using delta Ct method. Percentages indicate the relative quantity of each pathogen in a given specimen. Pathogen levels are defined based on the GCE/mL value (high = $>1 \times 10^5$ and low = $<1 \times 10^5$).

Suggested antibiotics for treatment purpose is based on the antimicrobial stewardship from the Sanford database guide and the John Hopkins ABX guide. It is up to the physician's judgement to select antibiotics and treatment options based on clinical symptoms, and patient's physical and biological conditions.

Performing Lab: AIM Laboratories, 3165 McKelvey Rd, Bridgeton MO 63044

Methodology: The pathogen and antibiotic resistance gene panels are detected by real-time TaqMan probe-based PCR technology using nucleic acid amplification test (NAAT). The primers and probes were designed by Applied Biosystems and arrayed on OpenArray cards. AIM Laboratories analyzed test samples using Applied Biosystem QuantStudio 12K Flex Real-Time PCR-v1.3 system.

Limitations: This test detects only the listed pathogens and genes on the panel. The detected ABR genes in a given specimen is not specific to detected pathogen(s) in the same specimen. Therefore, ABR genes may be detected in bacterial strains not listed/tested in the panel.