

Respiratory Microbiota Report



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 Web: <https://www.grilabs.com/> • CLIA #29D2093280 • Laboratory Director: Craig Voss M.D.

Patient: Doe, John Date of Birth: Jul 01, 1947 Sex: Male	Physician: Dr. Amy Miller, M.D. Practice: GRI	Specimen type/Source: Swab Sample ID: clsrppdemo
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1. About This Report

This Respiratory Tract Microbiota Report consists of molecular tests for microorganisms implicated in respiratory tract infections.

2. Molecular Diagnostic Results

Assay Results		Assay Results	
AdV_1of2	Negative	HPeV	Negative
AdV_2of2	Negative	hPIV1	Negative
B. globigii	Negative	hPIV2	Negative
B. holmesii	Negative	hPIV3	Negative
B. pertussis	Negative	hPIV4	Negative
Bordetella	Negative	IVA-pan	Negative
C. burnetii	Negative	IVB	Negative
C. pneumoniae	Negative	K. pneumoniae	Negative
CoV_229E	Negative	L. pneumophila	Negative
CoV_HKU1	Negative	M. catarrhalis	Negative
CoV_NL63	Negative	M. pneumoniae	Negative
CoV_OC43	Negative	Measles	Negative
EV-D68	Negative	MERS_CoV	Negative
EV-pan	Negative	Mumps	Negative
Flu_A_H1	Negative	P. jirovecii	Negative
Flu_A_H3	Negative	RSVA	Negative
H. influenzae	Negative	RSV-B	Negative
HBoV	Negative	RV_1of2	Negative
HHV3	Negative	RV_2of2	Negative
HHV4	Negative	S. aureus	Negative
HHV5	Negative	+ S. pneumoniae	Positive
HHV6	Negative	+ SARS_CoV	Positive
hMPV	Negative		

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3. Microorganisms Tested by GRI

Organism/Assay	ctMean	Presence	Organism/Assay	ctMean	Presence
AdV_1of2 (Adenovirus 1/2)		Not Detected	(Human Parechovirus)		
AdV_2of2 (Adenovirus 2/2)		Not Detected	<i>hPIV1</i> (Human Parainfluenza virus 1)		Not Detected
<i>B. globigii</i>		Not Detected	<i>hPIV2</i> (Human Parainfluenza virus 2)		Not Detected
<i>B. holmesii</i>		Not Detected	<i>hPIV3</i> (Human Parainfluenza virus 3)		Not Detected
<i>B. pertussis</i>		Not Detected	<i>hPIV4</i> (Human Parainfluenza virus 4)		Not Detected
<i>Bordetella</i> (<i>Bordetella bronchiseptica</i> / <i>parapertussis/pertussis</i>)		Not Detected	<i>IVA-pan</i> (Influenza A Virus pan)		Not Detected
<i>C. burnetii</i>		Not Detected	<i>IVB</i> (Influenza B Virus)		Not Detected
<i>C. pneumoniae</i>		Not Detected	<i>K. pneumoniae</i>		Not Detected
CoV_229E (Human Coronavirus 229E)		Not Detected	<i>L. pneumophila</i>		Not Detected
CoV_HKU1 (Human Coronavirus HKU1)		Not Detected	<i>M. catarrhalis</i>		Not Detected
CoV_NL63 (Human Coronavirus NL63)		Not Detected	<i>M. pneumoniae</i>		Not Detected
CoV_OC43 (Human Coronavirus OC43)		Not Detected	<i>Measles</i> (Measles virus)		Not Detected
EV-D68 (Enterovirus D68)		Not Detected	<i>MERS_CoV</i> (Middle East Respiratory Syndrome coronavirus (MERS))		Not Detected
EV-pan (Enterovirus pan)		Not Detected	<i>Mumps</i> (Mumps virus)		Not Detected
<i>Flu_A_H1</i> (Influenza A/H1-2009)		Not Detected	<i>P. jirovecii</i>		Not Detected
<i>Flu_A_H3</i> (Influenza A/H3)		Not Detected	<i>RSVA</i> (Human Respiratory Syncytial Virus A (RSVA))		Not Detected
<i>H. influenzae</i>		Not Detected	<i>RSV-B</i> (Respiratory Syncytial Virus B)		Not Detected
<i>HBoV</i> (Human Bocavirus)		Not Detected	<i>RV_1of2</i> (Human Rhinovirus 1/2)		Not Detected
<i>HHV3</i> (Human Herpesvirus 3)		Not Detected	<i>RV_2of2</i> (Human Rhinovirus 2/2)		Not Detected
<i>HHV4</i> (Human Herpesvirus 4)		Not Detected	<i>S. aureus</i>		Not Detected
<i>HHV5</i> (Human Herpesvirus 5)		Not Detected	<i>S. pneumoniae</i>	27.952	Detected
<i>HHV6</i> (Human Herpesvirus 6)		Not Detected	<i>SARS_CoV</i> (Severe Acute Respiratory Syndrome coronavirus (SARS))	24.195	Detected
<i>hMPV</i> (Human Metapneumovirus (hMPV))		Not Detected			
<i>HPeV</i>		Not Detected			

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Limitation: An absence of detection does not imply the absence of microorganisms other than those listed or does not exclude the possibility that the target sequence is present below the limit of detection. The GRI Respiratory Microbiota Report does not take into consideration patient history, drug-drug interactions, drug sensitivity, and/or allergies. It is the responsibility of the physician to determine appropriate drug and dosing choices based on all available data.

Methodology: Array based assays simultaneously detect a wide array of bacteria, viruses, and parasites at analytical sensitivity and specificity >99%.

Disclaimer: These tests were developed and characterized by GRI and interpreted by Coriell Life Sciences, 4747 South Broad Street, Building 101, Suite 222, Philadelphia, PA 19112. The tests in this Respiratory panel have not been approved by the Food and Drug Administration. The FDA has determined that such approval is not necessary, provided that the laboratory both (1) maintains its good standing as a clinical testing laboratory with all mandatory accrediting bodies, and (2) continually demonstrates that its testing protocols and procedures achieve a high degree of analytical accuracy.

Laboratory Certification: CLIA #29D2093280

Laboratory Director: Craig Voss M.D.

SAMPLE

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