

**2021-2022 Influenza Results**  
**Interpretation Bureau of**  
**Laboratories**  
**Michigan Department of Health and Human Services**

Report Appears As:	Interpretation
<hr/> <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  INFLUENZA 2009 A/H1 RNA DETECTED</p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p>	<p>The patient has the Influenza 2009 A/H1 virus. This virus was previously known as the 2009 Novel Influenza A (H1N1) virus. This is a seasonal Influenza virus. For Influenza 2009 A/H1 RNA to be detected, all influenza tested markers; Universal Influenza A, Pandemic Influenza A, Pandemic H1 and internal control are amplified.</p>
<hr/> <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  INFLUENZA A AND B RNA NOT DETECTED</p> <p style="text-align: center;">A negative result does not preclude infection by another respiratory pathogen.</p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p> <p style="text-align: center;">Viral culture results to follow.</p>	<p>No indication of any Influenza virus. The specimen has been placed in viral culture to test for other respiratory viruses.</p>

<p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  INFLUENZA B RNA DETECTED  Testing performed by Real Time RT-PCR.</p>	<p>The patient has Influenza B virus.  This is a seasonal Influenza virus.</p>
<p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  SEASONAL INFLUENZA A, SUBTYPE H3 RNA DETECTED  Testing performed by Real Time RT-PCR.</p>	<p>The patient has Influenza A subtype H3 virus. This is a seasonal Influenza virus.</p>
<p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  INFLUENZA A RNA DETECTED, SUBTYPE INDETERMINATE  Subtype could not be determined by PCR due to low viral titer.  Testing performed by Real Time RT-PCR.  <i>Reference Range: Not Detected</i></p>	<p>The patient has Influenza A, but the subtype could not be determined. Additional testing may be indicated.</p>

<p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  TEST NOT DONE</p> <p>Quantity insufficient for testing.  This specimen source has not been validated for this assay.</p>	<p>Specimen received was either leaking or did not meet testing guidelines.</p>
<p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  INCONCLUSIVE</p> <p>Specimen sent to CDC for further testing.  Subtype could not be determined by PCR.</p> <p>Testing performed by Real Time RT-PCR.</p>	<p>Comprehensive Influenza virus PCR indicated presence of Influenza A, but failed to subtype, a mixed infection was detected or influenza virus markers failed to amplify according to test protocol such that a result could not be determined.</p>
<p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b>  INFLUENZA A RNA DETECTED, PRESUMPTIVE POSITIVE FOR H3 VARIANT</p> <p>Specimen sent to CDC for confirmation.  Testing performed by Real Time RT-PCR.</p>	<p>Comprehensive Influenza virus PCR markers indicated presence of universal and pandemic Influenza A, presence of H3, but failed to indicate the presence of seasonal and pandemic H1 subtype.</p>

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**TEST RESULTS**

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**COMPREHENSIVE INFLUENZA PCR PANEL**

INFLUENZA A RNA DETECTED, PRESUMPTIVE POSITIVE FOR  
EURASIAN H7 SUBTYPE

Specimen sent to CDC for confirmation.

For additional information on Influenza A/H7 (Eurasian lineage) testing and interpretation, please refer to:

<http://www.fda.gov/downloads/MedicalDevices/Safety/EmergencySituations/UCM349062.pdf>,

<http://www.fda.gov/downloads/MedicalDevices/Safety/EmergencySituations/UCM349064.pdf>,

<http://www.fda.gov/downloads/MedicalDevices/Safety/EmergencySituations/UCM349060.pdf>.

Testing performed by Real Time RT-PCR.

Comprehensive Influenza virus PCR indicated presence of universal Influenza A, subtype Eurasian H7.

## Influenza SARS-CoV-2 Multiplex Results Interpretation

<b>TEST RESULTS</b>		<b><u>Result Interpretation</u></b>
<b>INFLUENZA SARS-COV-2 MULTIPLEX ASSAY</b>		Specimen positive for COVID-19 and negative for Influenza A and B.  A negative result does not preclude infection by any respiratory virus or other agent.
Influenza A RNA	NOT DETECTED	
Influenza B RNA	NOT DETECTED	
SARS-CoV-2 RNA	<b>** DETECTED **</b>	

<b>TEST RESULTS</b>		<b><u>Result Interpretation</u></b>
<b>INFLUENZA SARS-COV-2 MULTIPLEX ASSAY</b>		Specimen negative for COVID-19, Influenza A and B.  A negative result does not preclude infection by any respiratory virus or other agent.
Influenza A RNA	NOT DETECTED	
Influenza B RNA	NOT DETECTED	
SARS-CoV-2 RNA	NOT DETECTED	

<b>TEST RESULTS</b>		<b><u>Result Interpretation</u></b>
<b>INFLUENZA SARS-COV-2 MULTIPLEX ASSAY</b>		<p>Specimen positive for Influenza A and negative for COVID-19 and Influenza B.</p> <p>A negative result does not preclude infection by any respiratory virus or other agent.</p>
Influenza A RNA	<b>** DETECTED **</b>	
Subtyping to follow		
Influenza B RNA	NOT DETECTED	
SARS-CoV-2 RNA	NOT DETECTED	

<b>TEST RESULTS</b>		<b><u>Result Interpretation</u></b>
<b>INFLUENZA SARS-COV-2 MULTIPLEX ASSAY</b>		<p>Specimen positive for Influenza B and negative for COVID-19 and Influenza A.</p> <p>A negative result does not preclude infection by any respiratory virus or other agent.</p>
Influenza A RNA	NOT DETECTED	
<b>Influenza B RNA</b>	<b>** DETECTED **</b>	
SARS-CoV-2 RNA	NOT DETECTED	

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