

## 2011 Influenza Results Interpretation Michigan Department of Community Health, Bureau of Laboratories

| Report Appears As:  | Interpretation   |
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| <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b><br/> <b>INFLUENZA 2009 A/H1 RNA DETECTED</b></p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p> <p style="text-align: center;">Fact sheets for health care providers and patients are available at<br/> <a href="http://www.cdc.gov/h1n1flu/eua/testkit.htm">www.cdc.gov/h1n1flu/eua/testkit.htm</a>.</p> | <p>The patient has the Influenza 2009 A/H1 virus. This virus was previously known as the 2009 Novel Influenza A (H1N1) 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> |
| <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b><br/> <b>INFLUENZA A AND B RNA NOT DETECTED</b></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>  |

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| <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b><br/> INFLUENZA B RNA DETECTED</p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p>                      | <p>The patient has Influenza B virus.<br/> 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><br/> SEASONAL INFLUENZA A, SUBTYPE H3 RNA DETECTED</p> <p style="text-align: center;">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 style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b><br/> SEASONAL INFLUENZA A, SUBTYPE H1 RNA DETECTED</p> <p style="text-align: center;">Testing performed by Real Time RT-PCR.</p> | <p>The patient has Influenza A subtype H1 virus. This is a seasonal Influenza virus.</p> |

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| <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b><br/> TEST NOT DONE</p> <p style="text-align: center;">Quantity insufficient for testing.<br/> 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><br/> INCONCLUSIVE</p> <p style="text-align: center;">Specimen sent to CDC for further testing.<br/> 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.</p>                      |
| <p style="text-align: center;"><b>TEST RESULTS</b></p> <hr/> <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b><br/> EQUIVOCAL</p> <p style="text-align: center;">Specimen sent to CDC for further testing.<br/> Subtype could not be determined by PCR due to low viral titer.</p> <p>Testing performed by Real Time RT-PCR.</p> | <p>Influenza virus markers failed to amplify according to test protocol such that a result could not be determined.</p> |

| <b>TEST RESULTS</b>   |  |
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| <p><b>COMPREHENSIVE INFLUENZA PCR PANEL</b></p> <p style="text-align: center;">SPECIMEN RNA FAILED TO AMPLIFY</p> <p style="text-align: center;">Please submit another specimen.</p> <p><b>Testing performed by Real Time RT-PCR.</b></p> | <p>Internal control and Influenza RNA did not amplify.</p> |

Results with double asterisks indicate a test was reflexed off this result OR the result was unexpected in this assay, e.g., equivocal or inconclusive.

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