2020-2021 Influenza Results Interpretation Bureau of Laboratories Michigan Department of Health and Human Services

Report Appears As:	Interpretation
TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** INFLUENZA 2009 A/H1 RNA DETECTED Testing performed by Real Time RT-PCR.	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.
TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** INFLUENZA A AND B RNA NOT DETECTED A negative result does not preclude infection by another respiratory pathogen. Testing performed by Real Time RT-PCR. Viral culture results to follow.	No indication of any Influenza virus. The specimen has been placed in viral culture to test for other respiratory viruses.

TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** INFLUENZA B RNA DETECTED Testing performed by Real Time RT-PCR.	The patient has Influenza B virus. This is a seasonal Influenza virus.
TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** SEASONAL INFLUENZA A, SUBTYPE H3 RNA DETECTED Testing performed by Real Time RT-PCR.	The patient has Influenza A subtype H3 virus. This is a seasonal Influenza virus.
COMPREHENSIVE INFLUENZA PCR PANEL 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. *Reference Range: Not Detected*	The patient has Influenza A, but the subtype could not be determined. Additional testing may be indicated.

TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** TEST NOT DONE Quantity insufficient for testing. This specimen source has not been validated for this assay.	Specimen received was either leaking or did not meet testing guidelines.
TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** INCONCLUSIVE Specimen sent to CDC for further testing. Subtype could not be determined by PCR. **Testing performed by Real Time RT-PCR.**	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.
TEST RESULTS **COMPREHENSIVE INFLUENZA PCR PANEL** INFLUENZA A RNA DETECTED, PRESUMPTIVE POSITIVE FOR H3 VARIANT Specimen sent to CDC for confirmation. Testing performed by Real Time RT-PCR.	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.

TEST RESULTS **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.

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