

Oregon State Public Health Laboratory

Information About Reporting for “Rule Out Swine Flu” Submitters as of 05/06/2009

- Most negative results will be reported within 24 hours from time of specimen receipt. Negative results will not be called. A paper report will be sent in the U.S. mail and results will also be available on WebRad.
- Unsubtypable Influenza A specimens will be tested for H1N1 human swine-like influenza at OSPHL. Unsubtypable Influenza A results will be reported to the State Epidemiology Office. A paper report will be sent in the U.S. mail and results will be available on WebRad.
- Influenza H1N1 (Swine-like) results will be reported to Epidemiology, the Submitter, and the Local Health Department where the patient resides. A paper report will be sent in the U.S. mail and results will be available on WebRad.

The following are tables of the results and comments that you may see on your reports.

RESULTS FOR RT-PCR FOR INFLUENZA:

RESULT	COMMENT
Influenza A/H1	Test results on specimen received as suspect human swine influenza were confirmed as seasonal influenza A/H1, not human swine-like influenza.
Influenza A/H3	Test results on specimen received as suspect human swine influenza were confirmed as seasonal influenza A/H3, not human swine-like influenza.
Influenza A unsubtypable	An unsubtypable influenza A was detected by real-time RT-PCR. Specimen will be tested for Influenza H1N1 (Swine-like).
Inconclusive	The internal control gene, RNase P, was not detectable in this assay. This may be due to the presence of inhibitors in the specimen or the absence of sufficient human cells in sample to enable detection. This could lead to a false negative result. If the physician strongly suspects influenza, a new specimen may be collected and submitted for testing.
Undetected	A negative RT-PCR test should not be interpreted as demonstrating absence of influenza virus infection and should not affect patient management. Factors such as time of collection, specimen inadequacy, and improper sample storage and shipment conditions may adversely affect the outcome of the RT-PCR assay. Influenza B testing was not performed on this specimen.
Please Note: The RT-PCR test for Influenza subtyping employs reagents that are for “Research Use Only”. Therefore, these results should not be used for diagnostic purposes in patient treatment. Results are reported for informational purposes only. This test was developed and its performance characteristics determined by the Centers for Disease Control and prevention. It has not been cleared or approved by the U.S. Food and Drug Administration.	

RESULTS FOR RT-PCR FOR FLU A/SW H1 (HUMAN H1N1 SWINE-LIKE INFLUENZA):

RESULT	COMMENT
Detected	Influenza H1N1 (Swine-like) was PRESUMPTIVELY detected by real-time PCR. This result is Presumptive Positive pending assay validation by CDC.
Inconclusive	The internal control gene, RNase P, was not detectable in this assay. This may be due to the presence of inhibitors in the specimen or the absence of sufficient human cells in sample to enable detection. This could lead to a false negative result. If the physician strongly suspects influenza, a new specimen may be collected and submitted for testing.
Undetected	Influenza H1N1 (Swine-like) was NOT detected by real-time PCR. Negative results do not preclude influenza virus infection and should not be used as the sole basis for treatment or other patient management decisions.
Please Note: The RT-PCR test for Influenza virus detection and subtyping employs reagents that are for "Research Use Only". This test was developed and its performance characteristics determined by the Centers for Disease Control and prevention (CDC) for testing agents of emergent Public Health significance. These results should not be used for diagnostic purposes in patient treatment and are reported for informational purposes only.	