

Appendix E: Notification Plan

Introduction

This plan specifies the notification actions resulting from a positive or inconclusive pandemic H1N1 2009 Virus or novel swine influenza virus laboratory finding. This document does not supersede any Veterinary Services memos or notices.

1.0 Response Actions

Many of the samples collected as part of the SIV surveillance program will be tested/screened at designated NAHLN laboratories by trained and proficiency tested personnel. If results of the screening tests indicate a presumed positive or potential positive result for the pandemic H1N1 2009 Virus or a novel swine influenza virus, confirmatory testing will be performed at a laboratory capable of sequencing the virus.

1.1 Presumed positive or confirmed positive result on lung tissue or nasal swabs submitted to approved NAHLN testing laboratories

The following actions will be taken when a presumed positive result for the pandemic H1N1 2009 Virus or a novel swine influenza virus is identified at a NAHLN laboratory or at the NVSL.

1.1.1 Actions by NAHLN laboratories (see Appendix D – Testing Algorithm)

- Record SIV testing results. [Once a database is developed and electronic test results messaging capability is in place, test results will be sent electronically by participating NAHLN laboratories. Until then, participating NAHLN laboratories will enter data into an Excel spreadsheet and send that spreadsheet to the NAHLN Program Office on a weekly basis (see Appendix D). The NAHLN Program Office will consolidate the data and forward it to the National Surveillance Unit (NSU).]
- For a presumed positive result, immediately report the result to the following:
 - 1) NVSL Diagnostic Virology Laboratory (DVL) by phone and fax.
 - i. Phone (515) 337-7551 and provide the following information:
 - i. Test results
 - ii. Laboratory generated reference code for anonymous stream or SIV NAHLN laboratory internal referral number for all other streams
 - ii. For all samples outside of the anonymous stream fax to NVSL DVL at fax number (515) 337-7348 and provide the following:
 - i. Completed form VS 10-4
 - ii. Laboratory results (LIMS report printout or other)
 - iii. For all samples from the anonymous stream provide the following information:
 - i. NAHLN laboratory name (only NVSL will know the laboratory name – this will not be released in the public data)

- ii. Laboratory generated reference code for anonymous stream or SIV NAHLN laboratory internal referral number for all other streams
- iii. Date collected
- iv. Collection site state
- v. Age class of swine associated with case/samples
- vi. Specimen type
- vii. Reason for submission and/or clinical signs associated with the case
- viii. All SIV testing results associated with the case/sample

2) SAHO of your state (state where your laboratory is located) by phone and fax.

1.1.2 Actions by NVSL DVL

- DVL will notify NVSL and DVL management, NAHLN and National Center for Emergency Management (NCAHEM) point of contact, as appropriate, of NAHLN test results.
- Perform confirmatory testing for the pandemic H1N1 2009 Virus or novel swine influenza virus on samples received from the submitting NAHLN laboratory.
- If the results are negative, notify the submitting laboratory, NVSL and DVL management, NAHLN and National Center for Emergency Management (NCAHEM) point of contact, as appropriate, of the test result.
- If the results are positive, notify the submitting laboratory. NVSL DVL will also notify the AVIC of the State where the lab is located, the AVIC from the State of animal origin, the Regional Epidemiologists, the Regional Directors and Swine Health Program Staff initially upon receipt of confirmed positive PCR results and again when VI and sequencing results are received. VS NCAHEM, CDC Infectious Diseases, VS CDC Liaison, and the swine industry will be notified through VS links.

1.2 Negative Pandemic H1N1 2009 Virus result at NVSL for an Inconclusive or Positive NAHLN Result

If testing at NVSL indicates a negative result after a NAHLN laboratory reported and forwarded a presumptive positive result, all parties previously notified of the presumptive positive NAHLN result will need to be re-notified of the negative result.

1.3 Confirmation of Positive Result at NVSL

If a positive result is confirmed at NVSL the procedures outlined in section 1.1.2 will be performed. This includes immediately notifying Animal Health Officials (AVIC and State Veterinarian) in the state where the NAHLN laboratory is located and in the state where the animal originated. Animal Health Officials are to follow the response guidelines in the SIV Procedure Manual.