



Please note: This procedure may be revised as needed.

All NAHLN Laboratories are expected to:

- have the capability to electronically message test results for both foreign animal disease investigations (FADi) and outbreak testing.
- message HPAI (and APMV) associated test results as soon as possible.
- provide messaged result as either Not Detected (NDET) for negative results or Non-Negative (NONNEG) for presumptive positive results.
- provide results (either NDET or NONNEG) as a final report. NVSL will message confirmatory results.
- have a documented process in place to ensure that messaged results are successfully received by APHIS, including steps to follow if the messaged results are not received by APHIS.
- submit all Non-Negative samples to NVSL for confirmatory testing.

Message Content

FADi/RCA/Referral Numbers:

- The FADi number, referral number or EMRS submission number (if provided) must be submitted in the message in the **orc.4/ei.1 field** exactly as they appear on the submission form with no spaces or additional characters added.
- If a FADi or referral number is not provided, report 'NA' in the **orc.4/ei.1 field**.

Specimen Identifiers:

- Submitter-assigned specimen IDs must be sent in the message in the **spm.2/eip.1/ei.1 field** exactly as they appear on the submission form, with no spaces or additional characters added.

Collection site:

- If available, include the Premises ID for the location of the animal at time of sample collection in a **PREM rol segment** in the **rol.13/pl.10/ei.1 field**.
- If the Premises ID is unknown, the premises state and any other available physical address information should be included in the message in the **PREM rol segment**, provided, to the best of the laboratory's ability, it is certain that the information pertains to the location of the animals when samples were collected.
- If neither is known, report 'NA'.

Refer to NVSL-WI-1781 NAHLN Electronic Messaging Guide for further details on electronic messaging. This is a controlled document and a copy can be obtained through your lab’s quality management system.

Program OIDs:

- Program OID for IAV-A messaging is 2.16.840.1.113883.3.5.8.4
- Program OID for APMV-1 messaging is 2.16.840.1.113883.3.5.8.15
- If one or more samples tested for multiple diseases are to be submitted in the same message, each set of disease specific test results must be included under a unique ORDER group with the applicable program OIDs in each ORC segment.

Submission Reasons

- Include the most appropriate submission reason in the message in obr.31. A full list of submission reasons can be found on the [VTSL site](#).

Submission Reason Code	Submission Reason Text	Submission Reason Definition
F	FAD Diagnostics	Samples that are submitted as part of an original foreign animal disease investigation.
LB	Live Bird Market testing	Testing conducted for detection of disease in the Live Bird Marketing System.
OM	Outbreak Movement	Permitting of animals for movement specifically during an Outbreak
NP	National Poultry Improvement Program testing	Testing conducted as part of the National Poultry Improvement Program.
S	Surveillance	Used for outbreak and outbreak recovery surveillance testing inside designated control and surveillance zones which includes environmental testing.
T	Traceback	Premise or animal that has been epidemiologically linked to a confirmed or suspect reportable disease case.
W	High risk wildlife	Testing of wildlife or feral animals that are at high risk for transmitting the disease being tested for to livestock or commercial animals.

Negative Results May be Actionable and Final

When a NAHLN laboratory has a result of Not Detected (NDET) on pan-influenza A assay (matrix or approved kit – LOINC = 44263-2):

- They should message NDET in final reports.
- These results may be immediately actionable where the state agrees.
- No further testing will happen at NVSL unless requested by the state.

Non-Negative Results Require Samples to be sent to NVSL for Confirmatory Testing

When a NAHLN laboratory has a result of Non-negative (NONNEG) on pan-influenza A assay (matrix or approved kit – LOINC = 44263-2) or subtyping assay (H5 = LOINC 44264-0 or H5 2.3.4.4 –LOINC = **77605-4**):

- They should message NONNEG in final reports.
- Samples must be sent to NVSL for confirmatory testing.
- NAHLN results may be immediately actionable prior to completion of confirmatory testing.