

**Pandemic Influenza Algorithm  
Michigan Department of Community Health  
Instructions for Clinical Labs**

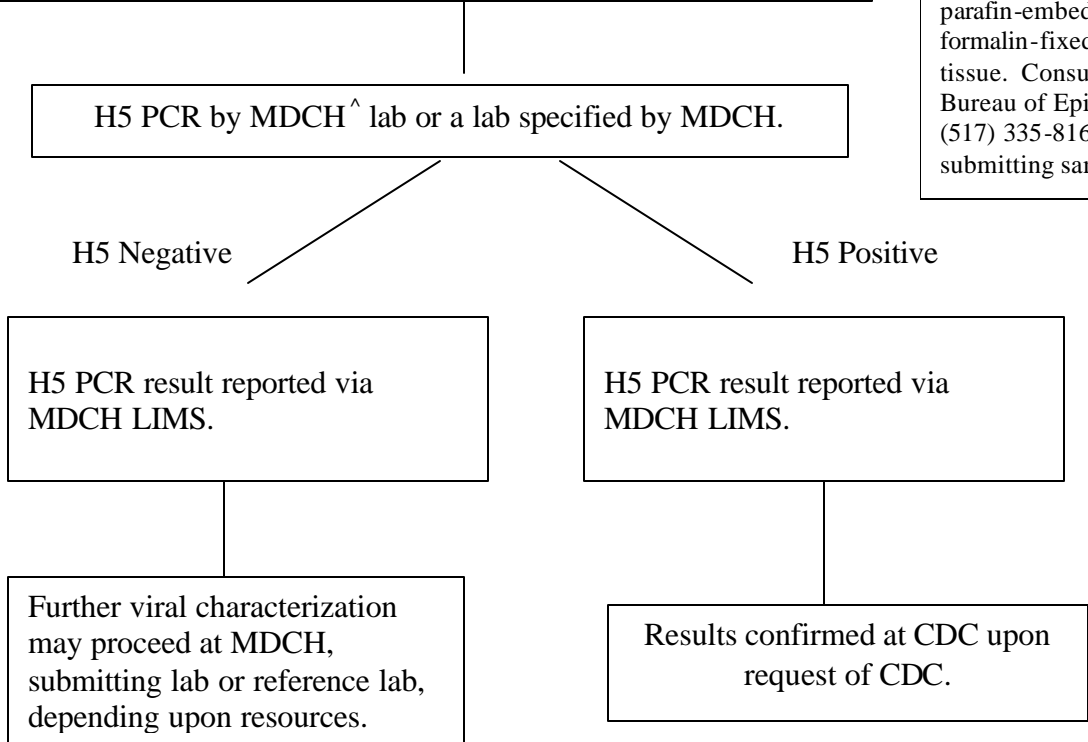
**NOTE: This algorithm is to be used once sustained human-to-human transmission has occurred.** It will be updated as necessary. Testing beyond H5 will depend on resources and surveillance needs. Please visit the MDCH website at [www.michigan.gov/flu](http://www.michigan.gov/flu) and MIHAN for updates.

***Pandemic Influenza Suspect Case – H5 Screen:***

Ship acceptable specimens (see #) to MDCH immediately with frozen cold packs. Submitter should retain an aliquot and proceed with additional viral testing only after notification of negative H5 results. Consider H5 testing regardless of results of other influenza tests (i.e., even if rapid flu tests are negative).

# Multiple sample types collected over multiple days are recommended including OP swabs, sputum, bronchial lavage. NP and nasal swabs are acceptable but less productive than other sample types. **DO NOT SUBMIT ONLY SPUTUM.**

Postmortem specimens: parafin-embedded or formalin-fixed respiratory tissue. Consult MDCH Bureau of Epidemiology at (517) 335-8165 prior to submitting samples.



**^ Bureaus of Laboratories and of Epidemiology will jointly determine when routine H5 testing is no longer indicated. Testing for surveillance purposes will continue as needed. Further guidance on testing will be provided at that time.**